

## Computation of CO and PO Attainment

<b>Class: BCA III Sem-V</b>	<b>Course : CJ</b>
<b>A.Y. 2017-18</b>	<b>Course Code:</b>

Computation of Overall CO Attainment										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20	80
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278	5		5	5			5	20	57
2	ZF19279		5			5	5	5	20	51
3	ZF19280	5			5	5		5	20	44
4	ZF19281		5	5	5			5	20	31
5	ZF19282	5			5		5	5	20	48
6	ZF19283	4	5			5		5	19	33
7	ZF19284	3		5	5			5	18	39
8	ZF19285		5		5	3		5	18	36
9	ZF19286		5		5		4	5	19	39
10	ZF19287	3	5	5			5	5	18	34
11	ZF19288		5		5	5		5	20	51
12	ZF19289	3			5		5	5	18	AA
13	ZF19290	5	5		5			5	20	55
14	ZF19291		5	4		5		5	19	44
15	ZF19292	4			5		5	5	19	AA
16	ZF19293	4		5	5			5	19	39
17	ZF19294		5	3		5		5	18	44
18	ZF19295		5		5		4	5	19	39
19	ZF19296	5	5		5			5	20	42
20	ZF19297	4	5		5			5	19	43
21	ZF19298	3			5	5		5	18	33

22	ZF19299	4	5	5			5	19	46
23	ZF19300	3	5		5		5	18	32
24	ZF19301	5			5	5	5	20	48
25	ZF19302	3	5	5			5	18	43
26	ZF19303	5	5		5		5	20	41
27	ZF19304		5		5	4	5	19	34
28	ZF19305	3	5			5	5	18	32
29	ZF19306		5	5	5		5	20	46
30	ZF19307	4	5			5	5	19	24
31	ZF19308	4			5		5	19	28
32	ZF19309		5	4	5		5	19	28
33	ZF19310	4	5			5	5	19	34
34	ZF19311	3			5	5	5	18	44
35	ZF19312	3	5		5		5	18	42
36	ZF19313	5	5				5	20	41
37	ZF19314	4			5		5	19	49
38	ZF19315		5	4	5		5	19	40
39	ZF19316	5	5			5	5	20	56
40	ZF19317	4			5		5	19	44
41	ZF19318	3		5	5		5	18	28
42	ZF19319		5		5	3	5	18	30
43	ZF19320	5	5		5		5	20	66
44	ZF19321		5	4	5		5	19	35
45	ZF19322		5		5		4	19	56
46	ZF19323	4	5				5	19	36
47	ZF19324	5	5		5		5	20	57
48	ZF19325	5			5	5	5	20	46
49	ZF19326		5	3	5		5	18	30
50	ZF19327	5	5		5		5	20	43
51	ZF19328	5	5		4		5	19	37
52	ZF19329	5				5	5	19	53
53	ZF19330	5	5		5		3	18	28

54	ZF19331	5	5		5			5	20	33
55	ZF19332			3	5		5	5	19	44
56	ZF19333	3		5	5			5	18	34
57	ZF19334			5		4	5	5	19	28
58	ZF19335	5		5	5			4	19	52
59	ZF19336	5	3		5			5	18	44
60	ZF19337		5	5		5		5	19	30
61	ZF19338	4	5	5				5	19	38
62	ZF19339	5		5			4	5	19	56
63	ZF19340	5	5		3			5	18	28
64	ZF19341		5			4	5	5	19	29
65	ZF19342	5	5		3			5	18	32
66	ZF19343	5	4		5			5	19	34
67	ZF19344		5		3	5		5	18	35
68	ZF19345	5			5		5	5	18	52
69	ZF19346	5	3	5				5	18	30
70	ZF19347	5	5	5				5	18	40
71	ZF19348			5		5	4	5	19	54
72	ZF19349	5	5	5				5	20	38
73	ZF19350	4	5		5			5	19	51
73	ZF19351		5	5		4		5	19	33
73	ZF19352	5			5		5	5	20	28
73	ZF19353		5	5		5	4	5	19	55
73	ZF19354	5				5	4	5	19	28
73	ZF19355			5		4	4	5	18	29
73	ZF19356	5	5		5		4	5	19	28
73	ZF19357			5		5	3	5	18	44
73	ZF19358	5		5		3		5	19	34
73	ZF19359		5	5		5	3	5	18	34
73	ZF19360		5		5		4	5	19	61
84	ZF19361		5		5	4		5	19	34
85	ZF19362	5		5			5	5	20	61



% of students secured > Threshold marks	73.75	97.22	93.62	95.31	92.31	92.5			81.25
Attainment Level	2	3	3	3	3	3			3
Direct CO Attainment	2.8	3	3	3	3	3			
Indirect CO Attainment Level	2.27	2.08	2.35	2.3	2.35	2.27			
Total CO Attainment	2.75	2.91	2.94	2.93	2.94	2.93			
Average CO Attainment									2.9

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	23	31	20	24	22	27
Level 2	37	42	33	31	30	28
Level 3	53	40	60	58	61	58
Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.27	2.08	2.35	2.3	2.35	2.27

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO 9	PO10	PO11	PO12
CO1	2	3	---	2	1	2	---	---	2	---	2	2
CO2	1	2	2	---	---	3	2	---	---	1	----	1
CO3	2	2	1	1	2	1	---	---	3	---	3	---
CO4	1	2	3	2	2	1	2	---	1	3	----	2
CO5	2	1	2	1	2	---	1	2	2	---	2	1
CO6	3	1	1	1	--	2	---	3	1	---	1	2
Average PO Attainment	1.83	1.83	1.8	1.4	1.75	1.8	1.67	2.5	1.8	2	2	1.6

PO's Attainment at Course Level	1.77	1.77	1.74	1.35	1.69	1.74	1.61	2.42	1.74	1.93	1.93	1.55
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## Computation of CO and PO Attainment

Class: BCA III Sem-V	Course : PCD
A.Y. 2017-18	Couse Code:

### Computation of Overall CO Attainment

Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20	80
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278	5		5	5			5	20	51
2	ZF19279	5	5			5		5	20	36
3	ZF19280			3	5		5	5	18	31
4	ZF19281		5			2	5	5	17	12
5	ZF19282	2		5	5			5	17	51
6	ZF19283		5			5	2	5	17	28
7	ZF19284				5	2	5	5	17	28
8	ZF19285	4		5	5			5	19	38
9	ZF19286		5	4			5	5	19	40
10	ZF19287	4			5	5		5	19	28
11	ZF19288		5	5	5			5	20	64
12	ZF19289		5			3	5	5	18	5
13	ZF19290	3			5	5		5	18	45
14	ZF19291		5	2		5		5	17	32
15	ZF19292	2	5				5	5	17	37
16	ZF19293	4			5	5		5	19	28
17	ZF19294		5	4			5	5	19	45
18	ZF19295	4	5				5	5	19	54
19	ZF19296	5			5	5		5	20	AA

20	ZF19297		5	4		5		5	19	46	
21	ZF19298	2		5		5		5	17	28	
22	ZF19299	4	5			5		5	19	31	
23	ZF19300		5		5		5	5	20	28	
24	ZF19301	4	5		5			5	19	48	
25	ZF19302	3		5	5			5	18	34	
26	ZF19303	5	5				5	5	20	45	
27	ZF19304	4	5				5	5	19	39	
28	ZF19305	3		5			5	5	18	32	
29	ZF19306	5		5			5	5	20	46	
30	ZF19307	3		5			5	5	18	33	
31	ZF19308	5	5				5	5	20	33	
32	ZF19309	3	5		5			5	18	30	
33	ZF19310	3	5				5	5	18	30	
34	ZF19311	3		5		5		5	18	34	
35	ZF19312	3		5	5			5	18	47	
36	ZF19313	5	5				5	5	20	51	
37	ZF19314	4	5		5			5	19	34	
38	ZF19315	4	5				5	5	19	32	
39	ZF19316	5			5		5	5	20	42	
40	ZF19317	4		5			5	5	19	45	
41	ZF19318	3			5		5	5	18	3	
42	ZF19319	3					5	5	5	18	30
43	ZF19320	5	5		5			5	20	51	
44	ZF19321	4	5				5	5	19	31	
45	ZF19322	4	5		5			5	19	28	
46	ZF19323	4	5		5			5	19	32	
47	ZF19324	5		5	5			5	20	55	
48	ZF19325	5		5	5			5	20	51	
49	ZF19326	3		5	5			5	18	28	

50	ZF19327	5		5		5		5	20	51
51	ZF19328	5		5		4		5	19	40
52	ZF19329	4	5			5		5	19	57
53	ZF19330	5				5	5	3	18	35
54	ZF19331	5				5	5	5	20	29
55	ZF19332	5				5	4	5	19	46
56	ZF19333	3	5			5		5	18	31
57	ZF19334	5	5		4			5	19	39
58	ZF19335	5	5		5			4	19	50
59	ZF19336	5	3		5			5	18	45
60	ZF19337	4	5		5			5	19	28
61	ZF19338	4	5				5	5	19	32
62	ZF19339	5	4				5	5	19	46
63	ZF19340	5		5	3			5	18	32
64	ZF19341	4		5		5		5	19	44
65	ZF19342	5		5	3			5	18	28
66	ZF19343	5	4				5	5	19	34
67	ZF19344	5	5				3	5	18	37
68	ZF19345	3			5		5	5	18	47
69	ZF19346	5	3			5		5	18	44
70	ZF19347	3	5		5			5	18	34
71	ZF19348	4		5	5			5	19	43
72	ZF19349	5	5		5			5	20	32
73	ZF19350	4	5				5	5	19	39
74	ZF19351	4	5		5			5	19	31
75	ZF19352	5		5	5			5	20	28
76	ZF19353	4	5			5		5	19	34
77	ZF19354	4	5		5			5	19	36
78	ZF19355	3	5				5	5	18	21
79	ZF19356	4	5		5	5		5	19	28



80	ZF19357		5		5		3	5	18	28
81	ZF19358			5	5		4	5	19	31
82	ZF19359	5				5	3	5	18	28
83	ZF19360			5		5	4	5	19	47
84	ZF19361		5			5	4	5	19	31
85	ZF19362		5		5		5	5	20	37
86	ZF19363			5	5		5	5	20	39
87	ZF19364	3		5		5		5	18	34
88	ZF19365	3	5			5		5	18	28
89	ZF19366	3	5			5		5	18	34
90	ZF19367	3		5		5		5	18	30
91	ZF19368	4	5		5			5	19	28
92	ZF19369	5	5			5		5	20	37
93	ZF19370	4		5	5			5	19	37
94	ZF19371	3	5		5			5	18	28
95	ZF19372		5	3	5			5	18	28
96	ZF19373		5	4		5		5	19	30
97	ZF19374		5	4		5		5	19	35
98	ZF19375	3			5		5	5	18	37
99	ZF19376			5	5		5	5	20	31
100	ZF19377			4	5		5	5	19	31
101	ZF19378		5	5			5	5	20	39
102	ZF19379	4	5			5		5	19	40
103	ZF19380	3				5	5	5	18	35
104	ZF19381	3				5	5	5	18	32
105	ZF19382	4	5		5			5	19	32
106	ZF19383		5	3	5			5	18	37
107	ZF19384		5	3		5		5	18	29
108	ZF19385			5		5	5	5	20	33
109	ZF19386	5				5	5	5	20	43

110	ZF19387	4			5		5	5	19	43
111	ZF19388		5			5	5	5	20	51
112	ZF19389		5		5		4	5	19	44
113	ZF19390	4	5		5			5	19	32
<b>No. of Students Attempted</b>		<b>85</b>	<b>64</b>	<b>42</b>	<b>54</b>	<b>45</b>	<b>50</b>	<b>113</b>	<b>112</b>	<b>112</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>59</b>	<b>62</b>	<b>37</b>	<b>52</b>	<b>42</b>	<b>46</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										<b>74</b>
<b>% of students secured &gt; Threshold marks</b>		<b>69.41</b>	<b>96.88</b>	<b>88.1</b>	<b>96.3</b>	<b>93.33</b>	<b>92</b>			<b>66.07</b>
<b>Attainment Level</b>		<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.25</b>	<b>2.09</b>	<b>2.34</b>	<b>2.29</b>	<b>2.31</b>	<b>2.25</b>			
<b>Total CO Attainment</b>		<b>2.03</b>	<b>2.19</b>	<b>2.21</b>	<b>2.21</b>	<b>2.21</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										<b>2.3</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	25	30	22	25	24	30
<b>Level 2</b>	35	43	31	30	30	25
<b>Level 3</b>	53	40	60	58	59	58
<b>Total no. of students participated</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>
<b>CO Attainment Level</b>	<b>2.25</b>	<b>2.09</b>	<b>2.34</b>	<b>2.29</b>	<b>2.31</b>	<b>2.25</b>

Mapping of CO-PO And Computation of PO's Attainment at Course Level											
CO's	Program Outcomes (PO'S)										
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO12
CO1	2	3	---	2	1	2	---	---	2	---	2
CO2	1	2	2	---	---	3	2	---	---	1	1
CO3	2	2	1	1	2	1	---	---	3	---	---
CO4	1	2	3	2	2	1	2	---	1	3	2
CO5	2	1	2	1	2	---	1	2	2	---	1
CO6	3	1	1	1	--	2	---	3	1	---	2
Average PO Attainment	1.83	1.83	1.8	1.4	1.75	1.8	1.67	2.5	1.8	2	1.6
PO's Attainment at Course Level	1.4	1.4	1.38	1.07	1.34	1.38	1.28	1.92	1.38	1.53	1.23

Computation of CO and PO Attainment	
Class: BCA III Sem-V	Course : DS
A.Y. 2017-18	Course Code:

Computation of CO Overall Attainment										
Sr. No.		Internal Assessment								External Assessment
		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)		
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278	5		5			5	5	20	45
2	ZF19279		5		5	5		5	20	37
3	ZF19280	4	5		5			5	19	33
4	ZF19281		5	5			4	5	19	22
5	ZF19282	5	5		5			5	20	46
6	ZF19283		5			5	3	5	18	37
7	ZF19284			5	5	3		5	18	AA
8	ZF19285	5			5		5	5	20	37
9	ZF19286		5	5		4		5	19	19
10	ZF19287	5			5		5	5	20	28

11	ZF19288		5		5	5		5	20	55
12	ZF19289	3			5		5	5	18	2
13	ZF19290	5		5	5			5	20	38
14	ZF19291		5			5	5	5	20	32
15	ZF19292	3		5	5			5	18	12
16	ZF19293	3	5			5		5	18	29
17	ZF19294	4	5		5			5	19	36
18	ZF19295			5		4	5	5	19	35
19	ZF19296	5	5		5			5	20	AA
20	ZF19297			5	5		4	5	19	48
21	ZF19298	4	5		5			5	19	30
22	ZF19299		5	4		5		5	19	28
23	ZF19300	5			5		5	5	20	19
24	ZF19301	4	5		5			5	19	43
25	ZF19302	3		5		5		5	18	28
26	ZF19303	5	5		5			5	20	52
27	ZF19304		5			5	4	5	19	21
28	ZF19305			5	5		3	5	18	32
29	ZF19306	5	5			5		5	20	45
30	ZF19307	3		5			5	5	18	31
31	ZF19308	5	5		5			5	20	32
32	ZF19309		5	3		5		5	18	30
33	ZF19310	3	5		5			5	18	30
34	ZF19311	4	5		5			5	19	32
35	ZF19312		5	4		5		5	19	40
36	ZF19313	5	5				5	5	20	29
37	ZF19314		5		5	3		5	18	28
38	ZF19315	4		5	5			5	19	35
39	ZF19316	4	5				5	5	19	40
40	ZF19317	4		5	5			5	19	34

41	ZF19318	3			5	5		5	18	28
42	ZF19319		5			4	5	5	19	28
43	ZF19320	5	5		5			5	20	49
44	ZF19321	5		5			5	5	20	33
45	ZF19322	5	5		5			5	20	29
46	ZF19323		5		5		4	5	19	28
47	ZF19324	5			5	5		5	20	35
48	ZF19325	5	5				5	5	20	33
49	ZF19326	5	5		5			5	20	29
50	ZF19327	5	5			5		5	20	36
51	ZF19328	5		5	4			5	19	34
52	ZF19329		5		5	4		5	19	38
53	ZF19330	5	5		5			4	19	30
54	ZF19331	3	5				5	5	18	29
55	ZF19332	5		4	5			5	19	33
56	ZF19333		5		5		3	5	18	29
57	ZF19334	5	5			3		5	18	34
58	ZF19335	5		5	5			5	20	38
59	ZF19336	5	5				5	5	20	39
60	ZF19337		5		5		3	5	18	29
61	ZF19338	3			5	5		5	18	24
62	ZF19339	5	4				5	5	19	40
63	ZF19340	5	5				3	5	18	28
64	ZF19341			5	5		4	5	19	28
65	ZF19342	5	5			4		5	18	28
66	ZF19343	5	3		5			5	18	29
67	ZF19344	5	5		3			5	18	28
68	ZF19345			5		5	5	5	20	37
69	ZF19346	5	5		5			5	20	40
70	ZF19347		5	5		5		5	20	33

71	ZF19348	4	5		5			5	19	39
72	ZF19349	5	5		5			5	20	40
73	ZF19350		5			5	5	5	20	33
74	ZF19351	3	5		5			5	18	30
75	ZF19352	5	5		5			5	20	28
76	ZF19353	5	5				5	5	20	29
77	ZF19354	5		5	5			5	20	33
78	ZF19355		5		5	3		5	18	6
79	ZF19356	3	5			5		5	18	13
80	ZF19357	3	5		5			5	18	2
81	ZF19358		5	5			3	5	18	36
82	ZF19359	3	5		5			5	18	37
83	ZF19360	5		5	5			5	20	34
84	ZF19361		5		5		5	5	20	31
85	ZF19362	5		5		5		5	19	38
86	ZF19363		5		5	5		5	20	48
87	ZF19364	5	5		5			5	20	33
88	ZF19365			5		3	5	5	18	9
89	ZF19366		5	3	5			5	18	38
90	ZF19367	4	5		5			5	19	31
91	ZF19368		5		5	4		5	19	17
92	ZF19369	5	5		5			5	20	34
93	ZF19370		5	5			5	5	20	29
94	ZF19371	3		5	5			5	18	28
95	ZF19372		5		5		4	5	19	28
96	ZF19373	3	5			5		5	18	18
97	ZF19374			5	5	3		5	18	37
98	ZF19375	3	5		5			5	18	29
99	ZF19376	5	5		5			5	20	33
100	ZF19377			5	5		3	5	18	30

101	ZF19378	5	5		5			5	20	29
102	ZF19379	3	5				5	5	18	31
103	ZF19380	4			5	5		5	19	35
104	ZF19381		5		5	3		5	18	33
105	ZF19382	3	5				5	5	18	29
106	ZF19383	3	5				5	5	18	28
107	ZF19384			5	5		4	5	19	31
108	ZF19385	5	5		5			5	20	39
109	ZF19386	3	5		5			5	18	33
110	ZF19387			5	5	3		5	18	13
111	ZF19388	5	5		5			5	20	51
112	ZF19389			5	5		4	5	19	31
113	ZF19390	5	5		5			5	20	11
<b>No. of Students Attempted</b>		<b>74</b>	<b>78</b>	<b>36</b>	<b>74</b>	<b>37</b>	<b>40</b>	<b>113</b>	<b>113</b>	<b>111</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>54</b>	<b>77</b>	<b>34</b>	<b>73</b>	<b>29</b>	<b>33</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										<b>56</b>
<b>% of students secured &gt; Threshold marks</b>		<b>72.97</b>	<b>98.72</b>	<b>94.44</b>	<b>98.65</b>	<b>78.38</b>	<b>82.5</b>			<b>50.45</b>
<b>Attainment Level</b>		<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>			<b>1</b>
<b>Direct CO Attainment</b>		<b>1.2</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.2</b>	<b>1.4</b>			
<b>Indirect CO Attainment Level</b>		<b>2.28</b>	<b>2.08</b>	<b>2.29</b>	<b>2.23</b>	<b>2.32</b>	<b>2.31</b>			
<b>Total CO Attainment</b>		<b>1.31</b>	<b>1.47</b>	<b>1.49</b>	<b>1.48</b>	<b>1.31</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										<b>1.67</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>20</b>	<b>32</b>	<b>25</b>	<b>30</b>	<b>24</b>	<b>28</b>
<b>Level 2</b>	<b>38</b>	<b>40</b>	<b>30</b>	<b>27</b>	<b>29</b>	<b>28</b>
<b>Level 3</b>	<b>54</b>	<b>41</b>	<b>58</b>	<b>56</b>	<b>60</b>	<b>59</b>

Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.28	2.08	2.29	2.23	2.32	2.31

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	---	2	---	2	---	---	3	---	---	2
CO2	3	1	1	---	---	3	---	---	---	2	---	2
CO3	3	2	3	1	---	1	---	---	2	---	---	---
CO4	2	3	3	2	2	---	1	---	3	3	---	---
CO5	2	1	2	2	1	---	2	2	2	---	2	2
CO6	3	1	3	2	--	3	---	1	3	---	3	2
Average PO Attainment	2.5	1.83	2.4	1.8	1.5	2.25	1.5	1.5	2.6	2.5	2.5	2
PO's Attainment at Course Level	1.39	1.02	1.34	1	0.84	1.25	0.84	0.84	1.45	1.39	1.39	1.11

Computation of CO and PO Attainment	
Class: BCA III Sem-V	Course : LUOS
A.Y. 2017-18	Course Code:

Computation of CO Overall Attainment										
Internal Assessment									External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20	80
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278	5		5	5			5	20	43
2	ZF19279	5	5			5		5	20	47
3	ZF19280		5		5		4	5	19	28
4	ZF19281	4		5		5		5	19	30
5	ZF19282	5	5		5			5	20	37



6	ZF19283			5	5		3	5	18	30
7	ZF19284	3	5			5		5	18	35
8	ZF19285	3		5	5			5	18	28
9	ZF19286		5			5	4	5	19	38
10	ZF19287	3	5		5			5	18	31
11	ZF19288	5	5				5	5	20	54
12	ZF19289		5	3	5			5	18	4
13	ZF19290	5	5		5	4		5	20	45
14	ZF19291		5		5			5	19	30
15	ZF19292	3	5				5	5	18	30
16	ZF19293	4	5			5		5	19	31
17	ZF19294	4			5		5	5	19	43
18	ZF19295	4	5			5		5	19	41
19	ZF19296	5	5				5	5	20	AA
20	ZF19297	4			5		5	5	19	42
21	ZF19298	3	5				5	5	18	31
22	ZF19299	4	5		5			5	19	28
23	ZF19300	3	5				5	5	18	28
24	ZF19301	5		5		5		5	20	39
25	ZF19302	3		5	5			5	18	28
26	ZF19303	5		5		5		5	20	47
27	ZF19304		4	5	5			5	19	28
28	ZF19305	3		5	5			5	18	39
29	ZF19306		5	5			5	5	20	40
30	ZF19307	3		5		5		5	18	38
31	ZF19308		4		5		5	5	19	28
32	ZF19309	4		5			5	5	19	30
33	ZF19310	4		5		5		5	19	31
34	ZF19311	3	5				5	5	18	28
35	ZF19312	3			5		5	5	18	33

36	ZF19313	5	5				5	5	20	38
37	ZF19314	4			5	5		5	19	34
38	ZF19315	4	5				5	5	19	36
39	ZF19316	4		5			5	5	19	42
40	ZF19317	4		5			5	5	19	45
41	ZF19318		3	5			5	5	18	34
42	ZF19319	3		5	5			5	18	37
43	ZF19320	5		5	5			5	20	47
44	ZF19321		4	5		5		5	19	42
45	ZF19322	4		5	5			5	19	32
46	ZF19323		4	5			5	5	19	39
47	ZF19324	5		5	5			5	20	30
48	ZF19325	5		5			5	5	20	38
49	ZF19326		3	5		5		5	18	36
50	ZF19327	5		5			5	5	20	29
51	ZF19328		5		4		4	5	19	34
52	ZF19329	4		5		5		5	19	37
53	ZF19330	3			5		5	4	18	32
54	ZF19331	5	5				5	5	20	29
55	ZF19332	5		4	5			5	19	31
56	ZF19333	3	5				5	5	18	48
57	ZF19334	5		5			4	5	19	33
58	ZF19335		5		4		5	5	19	42
59	ZF19336	3	5				5	5	18	42
60	ZF19337	4	5				5	5	19	31
61	ZF19338	4		5	5			5	19	33
62	ZF19339	5		4		5		5	19	47
63	ZF19340	5		5	3			5	18	28
64	ZF19341	4		5			5	5	19	42
65	ZF19342			5	5		3	5	18	41

66	ZF19343	5	4			5		5	19	37
67	ZF19344		5		5		4	5	19	34
68	ZF19345	3		5		5		5	18	43
69	ZF19346	3	5				5	5	18	40
70	ZF19347	3	5				5	5	18	33
71	ZF19348	4	5		5			5	19	39
72	ZF19349	5	5		5			5	20	41
73	ZF19350	4	5				5	5	19	41
74	ZF19351	4		5	5			5	19	52
75	ZF19352	5	5				5	5	20	38
76	ZF19353	5	5			5		5	19	50
77	ZF19354	5	5			5		5	19	31
78	ZF19355	3	5				5	5	18	28
79	ZF19356	4	5		5			5	19	37
80	ZF19357	3	5		5			5	18	32
81	ZF19358	4		5		5		5	19	35
82	ZF19359	3	5		5			5	18	29
83	ZF19360	4	5			5		5	19	42
84	ZF19361	4		5	5			5	19	28
85	ZF19362	5	5				5	5	20	46
86	ZF19363	5	5		5			5	20	47
87	ZF19364	3		5	5			5	18	33
88	ZF19365	3	5				5	5	18	29
89	ZF19366	3		5		5		5	18	33
90	ZF19367	3			5		5	5	18	38
91	ZF19368	4		5		5		5	19	28
92	ZF19369	5		5			5	5	20	40
93	ZF19370		4		5	5		5	19	32
94	ZF19371	3		5			5	5	18	42
95	ZF19372	3		5			5	5	18	36



Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	22	30	23	30	25	27
Level 2	38	40	32	29	29	29
Level 3	52	43	58	54	59	57
Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.25	2.12	2.31	2.21	2.3	2.27

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	---	2	3	2	---	---	3	---	---	2
CO2	3	1	2	---	---	3	---	---	---	2	2	2
CO3	2	2	3	3	---	3	---	3	2	---	---	1
CO4	2	3	3	2	2	---	3	---	1	3	3	---
CO5	2	2	2	2	3	---	2	2	2	2	2	2
CO6	3	1	3	2	--	3	3	1	3	2	3	2
Average PO Attainment	2.33	2	2.6	2.2	2.67	2.75	2.67	2	2.2	2.25	2.5	1.8
PO's Attainment at Course Level	1.79	1.53	1.99	1.69	2.05	2.11	2.05	1.53	1.69	1.73	1.92	1.38

Computation of CO and PO Attainment	
Class: BCA III Sem-V	Course : PD
A.Y. 2017-18	Couse Code:

Computation of CO Overall Attainment										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20	80
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278	5		5		5		5	20	72

2	ZF19279	5		5		5		5	20	80
3	ZF19280	4		5		5		5	19	70
4	ZF19281			5		5	4	5	19	77
5	ZF19282	5				5	3	5	20	80
6	ZF19283		5	5			3	5	18	80
7	ZF19284	5			5		3	5	18	70
8	ZF19285		5			5	3	5	18	72
9	ZF19286	5			5		4	5	19	74
10	ZF19287		5		5	3		5	18	78
11	ZF19288		5	5			5	5	20	80
12	ZF19289	5		5			3	5	18	AA
13	ZF19290		5		5	5		5	20	70
14	ZF19291		5		5	3	4	5	19	70
15	ZF19292			5	5			5	18	AA
16	ZF19293			5	5		4	5	19	80
17	ZF19294	4		5	5			5	19	73
18	ZF19295	4		5		5		5	19	78
19	ZF19296	5		5		5		5	20	78
20	ZF19297			5		5	4	5	19	70
21	ZF19298		5			5	3	5	18	72
22	ZF19299		5			5	4	5	19	78
23	ZF19300	5		5			3	5	18	72
24	ZF19301		5			5	5	5	20	75
25	ZF19302	5			5		3	5	18	74
26	ZF19303		5			5	5	5	20	78
27	ZF19304		5		5		4	5	19	70
28	ZF19305		5	5		5	3	5	18	70
29	ZF19306	5	5					5	20	70
30	ZF19307	3		5		5		5	18	70
31	ZF19308	4	5				5	5	19	72

32	ZF19309	4		5		5		5	19	70
33	ZF19310		4	5	5			5	19	70
34	ZF19311	3		5		5		5	18	76
35	ZF19312		3	5			5	5	18	73
36	ZF19313	5			5	5		5	20	80
37	ZF19314	4			5		5	5	19	76
38	ZF19315		4	5		5		5	19	80
39	ZF19316		4		5	5		5	19	76
40	ZF19317	4		5			5	5	19	72
41	ZF19318		3		5		5	5	18	AA
42	ZF19319	3		5		5		5	18	76
43	ZF19320		5	5			5	5	20	72
44	ZF19321	4			5	5		5	19	72
45	ZF19322	4		5		5		5	19	72
46	ZF19323		4	5			5	5	19	72
47	ZF19324	5		5		5		5	20	78
48	ZF19325	5		5			5	5	20	78
49	ZF19326		3	5		5		5	18	78
50	ZF19327	5			5	5		5	20	76
51	ZF19328	4		5			4	5	19	78
52	ZF19329		4		5	5		5	19	76
53	ZF19330	3		5		5		4	18	60
54	ZF19331	5		5			5	5	20	72
55	ZF19332		5		4	5		5	19	73
56	ZF19333	3		5			5	5	18	70
57	ZF19334	5			5	4		5	19	70
58	ZF19335		4	5		5		5	19	72
59	ZF19336	3		5			5	5	18	73
60	ZF19337	4			5		5	5	19	75
61	ZF19338		4	5		5		5	19	80

62	ZF19339	5			4	5	5		19	80
63	ZF19340	5		5		3		5	18	80
64	ZF19341	4	5			5	5		19	80
65	ZF19342	5		5			3	5	18	80
66	ZF19343	5		4		5		5	19	70
67	ZF19344	5		5		4		5	18	78
68	ZF19345	3		5		5		5	18	78
69	ZF19346	3		5		5		5	18	76
70	ZF19347	3		5		5		5	18	70
71	ZF19348	4		5		5		5	19	78
72	ZF19349	5		5		5		5	20	80
73	ZF19350		4	5		5		5	19	78
74	ZF19351		4	5		5		5	19	60
75	ZF19352	5			5	5		5	20	80
76	ZF19353		5	5		5		5	19	80
77	ZF19354	5		5		5		5	19	78
78	ZF19355	3			5		5	5	18	60
79	ZF19356		4	5		5		5	19	73
80	ZF19357		3	5			5	5	18	70
81	ZF19358		4		5		5	5	19	72
82	ZF19359	3		5		5		5	18	60
83	ZF19360	4		5			5	5	19	72
84	ZF19361	4		5			5	5	19	79
85	ZF19362	5			5		5	5	20	70
86	ZF19363	5		5		5		5	20	70
87	ZF19364	3		5			5	5	18	70
88	ZF19365		3		5		5	5	18	60
89	ZF19366		3	5		5		5	18	AA
90	ZF19367		3	5		5		5	18	76
91	ZF19368	4		5			5	5	19	70



92	ZF19369	5		5		5		5	20	80
93	ZF19370		4	5		5		5	19	76
94	ZF19371	3			5	5		5	18	60
95	ZF19372		3		5		5	5	18	76
96	ZF19373	4			5	5		5	19	80
97	ZF19374	3		5			5	5	18	80
98	ZF19375		3		5	5		5	18	78
99	ZF19376	5			5	5		5	20	75
100	ZF19377	4		5		5		5	19	80
101	ZF19378	5			5		5	5	20	80
102	ZF19379			4	5	5		5	19	78
103	ZF19380	3			5		5	5	18	74
104	ZF19381		3		5	5		5	18	76
105	ZF19382	3			5		5	5	18	72
106	ZF19383		3	5			5	5	18	60
107	ZF19384	3			5	5		5	18	76
108	ZF19385		5	5		5		5	20	72
109	ZF19386		5		5		5	5	20	78
110	ZF19387	3		5			5	5	18	72
111	ZF19388	5	5				5	5	20	76
112	ZF19389	4	5			5		5	19	70
113	ZF19390	3		5		5		5	18	76
<b>No. of Students Attempted</b>		<b>68</b>	<b>45</b>	<b>68</b>	<b>39</b>	<b>68</b>	<b>53</b>	<b>111</b>	<b>113</b>	<b>109</b>
<b>In Internal Assesment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>49</b>	<b>34</b>	<b>68</b>	<b>39</b>	<b>65</b>	<b>43</b>			
<b>In External Assesment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										<b>109</b>
<b>% of students secured &gt; Threshold marks</b>		<b>72.06</b>	<b>75.56</b>	<b>100</b>	<b>100</b>	<b>95.59</b>	<b>81.13</b>			<b>100</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>2.8</b>	<b>2.8</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			

Indirect CO Attainment Level	2.3	2.04	2.27	2.33	2.35	2.29			
Total CO Attainment	2.75	2.72	2.93	2.93	2.94	2.93			
Average CO Attainment									2.87

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	19	35	28	23	21	25
Level 2	41	39	27	30	32	30
Level 3	53	39	58	60	60	58
Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.3	2.04	2.27	2.33	2.35	2.29

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	---	2	1	2	---	---	1	---	2	2
CO2	2	2	2	---	---	3	3	---	---	1	---	1
CO3	2	1	2	2	2	2	---	---	2	---	3	---
CO4	1	1	3	2	2	1	2	---	1	2	---	2
CO5	2	1	2	1	3	---	3	3	2	---	2	1
CO6	2	3	1	1	--	2	---	2	3	---	1	2
Average PO Attainment	1.83	1.83	2	1.6	2	2	2.67	2.5	1.8	1.5	2	1.6
PO's Attainment at Course Level	1.75	1.75	1.91	1.53	1.91	1.91	2.55	2.39	1.72	1.44	1.91	1.53

## Computation of CO and PO Attainment

Class: BCA III Sem-V	Course : AJ
A.Y. 2017-18	Course Code:

Computation of Overall Attainment										
Internal Assessment										External Assessment
Sr. No.	MAX.	Test-I (15) (Any three)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)			
		CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278		5	5	5			5	20	37
2	ZF19279	5	5			5		5	20	33
3	ZF19280	4			5		5	5	19	31
4	ZF19281		4	5		4		5	18	23
5	ZF19282	5			5		4	5	19	46
6	ZF19283		5	4	5			5	19	30
7	ZF19284	3			5		5	5	18	AA
8	ZF19285		5		5	5		5	20	47
9	ZF19286	5		5		5		5	20	52
10	ZF19287		3		5		5	5	20	40
11	ZF19288		5	5		5		5	20	53
12	ZF19289	3			5	5		5	18	AA
13	ZF19290	5		5			5	5	20	38
14	ZF19291		4		5	5		5	19	40
15	ZF19292	3		5			5	5	18	AA
16	ZF19293		5		5		5	5	20	39
17	ZF19294	5		5		5		5	20	40
18	ZF19295	4		5			5	5	19	45
19	ZF19296		5		4	5		5	20	AA
20	ZF19297	5			5		5	5	20	31
21	ZF19298	4			5		5	5	19	16
22	ZF19299		4		5		5	5	20	22

23	ZF19300	4		5		5		5	19	14
24	ZF19301	5			5	5		5	20	34
25	ZF19302		3	5			5	5	19	28
26	ZF19303	5		5			5	5	20	60
27	ZF19304		4		5		5	5	19	34
28	ZF19305	3			5	5		5	18	45
29	ZF19306	5		5		5		5	20	24
30	ZF19307		3		5		5	5	18	8
31	ZF19308		4		5		5	5	19	21
32	ZF19309	4			5	5		5	19	28
33	ZF19310	5		5			3	5	18	14
34	ZF19311	4		5			5	5	19	28
35	ZF19312	4		5			5	5	19	46
36	ZF19313	5		5		4		5	19	12
37	ZF19314		4		4	5		5	18	30
38	ZF19315		4		5	4		5	18	19
39	ZF19316	4			5		5	5	19	30
40	ZF19317		4	5			4	5	18	36
41	ZF19318		3		5		5	5	18	8
42	ZF19319	5		5			5	5	20	36
43	ZF19320	5		5			5	5	20	43
44	ZF19321	4			5		5	5	19	30
45	ZF19322	4			5	5		5	19	28
46	ZF19323		3	5		5		5	18	36
47	ZF19324		5	5		5		5	20	34
48	ZF19325	5		5		5		5	20	36
49	ZF19326	4		5			5	5	19	14
50	ZF19327		5		5		5	5	20	38
51	ZF19328		5		5		4	5	20	33
52	ZF19329	3			5	5		5	18	47

53	ZF19330	4		5		4		5	18	38
54	ZF19331	5			5	5		5	20	28
55	ZF19332	5		4		5		5	19	40
56	ZF19333		3		5		5	5	18	34
57	ZF19334		5		5		4	5	19	28
58	ZF19335		5		5		5	5	20	30
59	ZF19336	5			5		5	5	20	28
60	ZF19337	4		5			5	5	19	23
61	ZF19338	3		5		5		5	18	28
62	ZF19339		5		5	5		5	20	59
63	ZF19340		5		5	4		5	19	31
64	ZF19341	5			5	5		5	20	39
65	ZF19342		5	5			3	5	18	35
66	ZF19343		5	4			4	5	18	23
67	ZF19344		5		5		5	5	20	30
68	ZF19345	5			5		5	5	20	37
69	ZF19346	5			5	5		5	20	33
70	ZF19347	4		5		5		5	19	31
71	ZF19348	5		5			5	5	20	37
72	ZF19349		5	5		5		5	20	38
73	ZF19350		4		5	5		5	19	28
74	ZF19351	3			5		5	5	18	40
75	ZF19352		5		5		5	5	20	20
76	ZF19353	5		5		5		5	18	314
77	ZF19354	5			5	5		5	19	39
78	ZF19355	3		5		5		5	18	9
79	ZF19356		3		5		5	5	18	31
80	ZF19357		3		5		5	5	18	35
81	ZF19358	4			5		5	5	19	29
82	ZF19359		3	5		5		5	18	29

83	ZF19360		5		5	5		5	20	34
84	ZF19361		5		5	5		5	20	30
85	ZF19362	5		5		5		5	20	41
86	ZF19363	5			5	5		5	20	39
87	ZF19364		3	5			5	5	18	31
88	ZF19365		3		5		5	5	18	19
89	ZF19366	3			5	5		5	18	32
90	ZF19367	3		5		5		5	18	40
91	ZF19368		4	5			5	5	19	13
92	ZF19369		5		5	5		5	20	33
93	ZF19370	5		5		5		5	20	31
94	ZF19371	3			5	5		5	18	37
95	ZF19372	3		5		5		5	18	25
96	ZF19373		4		5	4	5		18	31
97	ZF19374		3		5	5	5		18	30
98	ZF19375		4	5		5	5		19	41
99	ZF19376		5		5	5	5		20	28
100	ZF19377	5			5	5		5	20	21
101	ZF19378	5	5			5	5		20	38
102	ZF19379	5		5		5		5	20	36
103	ZF19380		5		5	5	5		20	40
104	ZF19381		3		5	5	5		18	32
105	ZF19382		3	5		5	5		18	31
106	ZF19383		4		5	5		5	19	28
107	ZF19384		4		5		5	5	19	13
108	ZF19385		5	5			5	5	20	47
109	ZF19386	5			5	5		5	20	39
110	ZF19387		3		5	5		5	19	31
111	ZF19388		5	5			5	5	20	49

112	ZF19389	3		5			5	5	18	28
113	ZF19390	3		5			5	5	18	18
<b>No. of Students Attempted</b>		<b>59</b>	<b>56</b>	<b>49</b>	<b>64</b>	<b>61</b>	<b>58</b>	<b>105</b>	<b>113</b>	<b>109</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>45</b>	<b>41</b>	<b>49</b>	<b>64</b>	<b>61</b>	<b>56</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										<b>55</b>
<b>% of students secured &gt; Threshold marks</b>		<b>76.27</b>	<b>73.21</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>96.55</b>			<b>50.46</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>1</b>
<b>Direct CO Attainment</b>		<b>1.2</b>	<b>1.2</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>			
<b>Indirect CO Attainment Level</b>		<b>2.2</b>	<b>2.04</b>	<b>2.29</b>	<b>2.24</b>	<b>2.39</b>	<b>2.33</b>			
<b>Total CO Attainment</b>		<b>1.3</b>	<b>1.28</b>	<b>1.49</b>	<b>1.48</b>	<b>1.5</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										<b>1.66</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>30</b>	<b>34</b>	<b>25</b>	<b>28</b>	<b>26</b>	<b>24</b>
<b>Level 2</b>	<b>30</b>	<b>41</b>	<b>30</b>	<b>30</b>	<b>29</b>	<b>28</b>
<b>Level 3</b>	<b>53</b>	<b>38</b>	<b>58</b>	<b>55</b>	<b>62</b>	<b>61</b>
<b>Total no. of students participated</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>
<b>CO Attainment Level</b>	<b>2.2</b>	<b>2.04</b>	<b>2.29</b>	<b>2.24</b>	<b>2.39</b>	<b>2.33</b>

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	2	3	---	2	2	2	---	---	1	---	2	2
<b>CO2</b>	3	2	2	---	---	3	3	---	---	3	---	3
<b>CO3</b>	2	1	3	1	2	2	---	---	3	---	3	---
<b>CO4</b>	3	2	3	2	3	1	3	---	1	1	---	2
<b>CO5</b>	2	1	2	2	2	---	1	2	2	---	2	1
<b>CO6</b>	3	1	1	1	--	2	---	2	1	---	1	2
<b>Average PO Attainment</b>	<b>2.5</b>	<b>1.67</b>	<b>2.2</b>	<b>1.6</b>	<b>2.25</b>	<b>2</b>	<b>2.33</b>	<b>2</b>	<b>1.6</b>	<b>2</b>	<b>2</b>	<b>2</b>

PO's Attainment at Course Level	1.38	0.92	1.22	0.89	1.25	1.11	1.29	1.11	0.89	1.11	1.11	1.11
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<b>Computation of CO and PO Attainment</b>	
Class: BCA III Sem-V	Course : MS
A.Y. 2017-18	Course Code:

<b>Computation of CO Overall Attainment</b>										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278	5		5			5	5	20	51
2	ZF19279		5	5			5	5	20	30
3	ZF19280		4	5			5	5	19	30
4	ZF19281	3			5	5		5	18	24
5	ZF19282		5		4	5		5	19	39
6	ZF19283	4		5		5		5	19	28
7	ZF19284	3		5			5	5	18	AA
8	ZF19285		5	5			5	5	20	28
9	ZF19286		5		5		5	5	20	37
10	ZF19287	5			5		5	5	20	28
11	ZF19288	5			5	5		5	20	48
12	ZF19289		3		5	5		5	18	20
13	ZF19290		5	5		5		5	20	32
14	ZF19291	4		5			5	5	19	44
15	ZF19292		3	5			5	5	18	21
16	ZF19293		5		5		5	5	20	39
17	ZF19294	5			5		5	5	20	16
18	ZF19295	4		5		5		5	19	45



19	ZF19296		5	5		5		5	20	AA
20	ZF19297	5		5		5		5	20	48
21	ZF19298		4		5		5	5	19	35
22	ZF19299	5			5		5	5	20	38
23	ZF19300		4		5		5	5	19	21
24	ZF19301	5			5		5	5	20	51
25	ZF19302		4	5		5		5	19	22
26	ZF19303		5	5		5		5	20	28
27	ZF19304	4		5		5		5	19	29
28	ZF19305		3		5		5	5	18	41
29	ZF19306		5		5		5	5	20	48
30	ZF19307		3	5			5	5	18	41
31	ZF19308	4		5		5		5	19	31
32	ZF19309		4		5	5		5	19	37
33	ZF19310	3			5	5		5	18	29
34	ZF19311		4		5	5		5	19	42
35	ZF19312		4	5			5	5	19	35
36	ZF19313	5		4		5		5	19	49
37	ZF19314		4	5		4		5	18	28
38	ZF19315		4		5		4	5	18	34
39	ZF19316	4			5	5		5	19	42
40	ZF19317		4	4		5		5	18	47
41	ZF19318	4		5			5	5	19	5
42	ZF19319	5	5				5	5	20	35
43	ZF19320	5		5			5	5	20	47
44	ZF19321		4		5	5		5	19	33
45	ZF19322	4		5			5	5	19	27
46	ZF19323		4		5		4	5	18	35
47	ZF19324	5			5	5		5	20	39
48	ZF19325		5	5			5	5	20	51

49	ZF19326	4			5	5		5	19	3
50	ZF19327		5		5	5		5	20	45
51	ZF19328	5	5		5		5	5	20	28
52	ZF19329		5	5			3	5	18	20
53	ZF19330	5	5				3	5	18	32
54	ZF19331		5	5		5		5	20	37
55	ZF19332	3			5		5	5	19	47
56	ZF19333	5		5			5	5	18	48
57	ZF19334	5			5		4	5	19	39
58	ZF19335		5	5		5		5	20	40
59	ZF19336	5	5			5		5	20	51
60	ZF19337		5	5			5	5	19	36
61	ZF19338	5		3		5		5	18	39
62	ZF19339	5	5				5	5	20	44
63	ZF19340	5		5		4		5	19	28
64	ZF19341	5		5		5		5	20	31
65	ZF19342		5		5		3	5	18	41
66	ZF19343		5		5		3	5	18	33
67	ZF19344		5		5	5		5	20	35
68	ZF19345	5			5	5		5	20	40
69	ZF19346		5	5			5	5	20	44
70	ZF19347		5	5			5	5	19	40
71	ZF19348	5		5			5	5	20	53
72	ZF19349	5	5			5		5	20	51
73	ZF19350	5		4		5		5	19	40
74	ZF19351	5		5			3	5	18	47
75	ZF19352				5	5		5	20	29
76	ZF19353	5			3		5	5	18	39
77	ZF19354	5			5	4		5	19	40
78	ZF19355		3		5	5		5	18	18

79	ZF19356		5	3			5	5	18	31
80	ZF19357		3	5			5	5	18	29
81	ZF19358	4		5		5		5	19	30
82	ZF19359	3	5			5		5	18	10
83	ZF19360	5		5			5	5	20	41
84	ZF19361		5	5	5			5	20	40
85	ZF19362	5	5		5			5	20	34
86	ZF19363		5	5		5		5	20	39
87	ZF19364	5		5			5	5	18	41
88	ZF19365	3			5		5	5	18	20
89	ZF19366		3		5	5		5	18	18
90	ZF19367	3		5		5		5	18	34
91	ZF19368	4			5		5	5	19	18
92	ZF19369	5			5		5	5	20	42
93	ZF19370	5		5		5		5	20	34
94	ZF19371	3		5		5		5	18	36
95	ZF19372		3		5		5	5	18	29
96	ZF19373		3	5			5	5	18	29
97	ZF19374		3	5			5	5	18	28
98	ZF19375		4		5	5		5	19	42
99	ZF19376		5		5	5		5	20	30
100	ZF19377		5	5		5		5	20	28
101	ZF19378		5	5			5	5	20	31
102	ZF19379	5			5		5	5	20	39
103	ZF19380	5		5			5	5	20	45
104	ZF19381		3	5		5		5	18	28
105	ZF19382	5	3			5		5	18	31



Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	16	23	27	31	24	32
Level 2	40	45	41	26	29	27
Level 3	62	45	45	56	60	54
Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.5	2.19	2.16	2.22	2.32	2.19

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	---	2	2	1	---	---	2	---	2	2
CO2	3	1	2	---	---	3	1	---	---	1	---	3
CO3	2	3	1	2	1	1	---	---	3	---	1	---
CO4	3	2	3	2	2	1	2	---	1	2	---	1
CO5	2	1	2	2	2	---	3	1	2	---	2	1
CO6	3	1	1	1	--	2	---	3	1	---	1	2
Average PO Attainment	2.5	1.83	1.8	1.8	1.75	1.6	2	2	1.8	1.5	1.5	1.8
PO's Attainment at Course Level	1.94	1.42	1.4	1.4	1.36	1.24	1.55	1.55	1.4	1.17	1.17	1.4

Computation of CO and PO Attainment	
Class: BCA III Sem-V	Course : CG
A.Y. 2017-18	Course Code:

Computation of CO Overall Attainment										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20	80
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278		5	5		5		5	20	46

2	ZF19279		5		5		5	5	20	54
3	ZF19280	5		5			5	5	20	36
4	ZF19281	4		5		5		5	19	28
5	ZF19282	5			5		5	5	20	45
6	ZF19283		5	5		5		5	20	41
7	ZF19284		4		5	5		5	19	AA
8	ZF19285		5		5		5	5	20	46
9	ZF19286	5		5			5	5	20	47
10	ZF19287		5		5	5		5	20	28
11	ZF19288		5		5	5		5	20	49
12	ZF19289		3	5			5	5	18	15
13	ZF19290	5		5			5	5	20	36
14	ZF19291	4	5			5		5	19	28
15	ZF19292	3		5		5		5	19	17
16	ZF19293	5		5	5	5		5	20	40
17	ZF19294		5		5	5		5	20	13
18	ZF19295		4		5		5	5	19	30
19	ZF19296		5		5		5	5	20	AA
20	ZF19297		5		5	5		5	20	34
21	ZF19298	4		5		5		5	19	33
22	ZF19299	4		5			5	5	19	29
23	ZF19300		5	5			5	5	20	33
24	ZF19301		5		5	5		5	20	39
25	ZF19302		4	5		5		5	19	28
26	ZF19303	5			5	5		5	20	35
27	ZF19304	5			5		5	5	20	35
28	ZF19305	4		5			5	5	19	55
29	ZF19306		5				5	5	20	54
30	ZF19307	5	4	5		5		5	19	29
31	ZF19308		5		5		5	5	20	31

32	ZF19309	5		5			5	5	19	37
33	ZF19310		4	5		5		5	19	23
34	ZF19311	5			5	5		5	20	31
35	ZF19312	4		4		5		5	19	37
36	ZF19313		5	5		5		5	19	35
37	ZF19314	5			5		5	5	20	32
38	ZF19315		4	5			5	5	19	36
39	ZF19316	5			5		5	5	20	41
40	ZF19317	4			5	5		5	19	53
41	ZF19318	5		5		5		5	20	14
42	ZF19319		4		5	5		5	19	41
43	ZF19320		5				5	5	20	46
44	ZF19321	4		5			5	5	19	52
45	ZF19322	5	5			5		5	20	32
46	ZF19323	5		5			5	5	20	33
47	ZF19324		5	5			4	5	19	39
48	ZF19325	5	5			5		5	20	39
49	ZF19326		5	5		5		5	20	28
50	ZF19327	5		5			5	5	20	54
51	ZF19328	5			5	4		5	19	31
52	ZF19329		5		5		5	5	20	AA
53	ZF19330	4			5		5	5	19	32
54	ZF19331	5		5		4		5	19	28
55	ZF19332	5		4	5			5	19	21
56	ZF19333		5	5	5			5	20	33
57	ZF19334	5	5		5			5	20	29
58	ZF19335		5	5	5			5	20	39
59	ZF19336	5		5	5			5	20	44
60	ZF19337	5		5		5		5	20	34
61	ZF19338		4		5	5		5	19	33

62	ZF19339		5		5		5	5	20	42
63	ZF19340	5			5		4	5	19	42
64	ZF19341		5		5	5		5	20	42
65	ZF19342		5	5		5		5	20	43
66	ZF19343	5		5	5			5	20	31
67	ZF19344		5		5		5	5	20	40
68	ZF19345		5		5		5	5	20	41
69	ZF19346	5			5		5	5	20	41
70	ZF19347	5		5		5		5	20	35
71	ZF19348		5	5		5		5	20	40
72	ZF19349	5	5			5		5	20	52
73	ZF19350		4	5	5			5	20	41
74	ZF19351	4		5	5			5	19	38
75	ZF19352	5	5		5			5	20	28
76	ZF19353	5		4		5		5	19	39
77	ZF19354		5	5		5		5	20	38
78	ZF19355	3	5			5		5	19	6
79	ZF19356	4		5			5	5	19	42
80	ZF19357	5	4				5	5	19	16
81	ZF19358	4		5		5		5	19	28
82	ZF19359	4		5	5			5	19	29
83	ZF19360		5	5		5		5	20	45
84	ZF19361	5	5				5	5	20	34
85	ZF19362	5		5			5	5	19	55
86	ZF19363		5	5		5		5	19	40
87	ZF19364		4		5	5		5	19	29
88	ZF19365		4		5		5	5	19	20
89	ZF19366	4			5	5		5	19	23
90	ZF19367	5			5	5		5	20	29
91	ZF19368		5		5		5	5	20	16



92	ZF19369		5	5			5	5	20	37
93	ZF19370		5	5		5		5	20	31
94	ZF19371	4		5		5		5	19	31
95	ZF19372	4	5				5	5	19	28
96	ZF19373	4		5			5	5	19	37
97	ZF19374		4	5		5		5	19	32
98	ZF19375	4		5		5		5	19	34
99	ZF19376	5		5			5	5	20	39
100	ZF19377		5	5		5		5	20	33
101	ZF19378		5		5		5	5	20	35
102	ZF19379		4	5		5		5	19	42
103	ZF19380		5		5		5	5	20	44
104	ZF19381	4			5	5		5	19	35
105	ZF19382	4		5		5		5	19	39
106	ZF19383	4	5			5		5	19	25
107	ZF19384		4	5			5	5	19	29
108	ZF19385	5	5				5	5	20	45
109	ZF19386		5	5		5		5	20	36
110	ZF19387	4			5	5		5	19	35
111	ZF19388	5		5			5	5	20	42
112	ZF19389	5			5		5	5	20	40
113	ZF19390	5		5		5		5	20	21
<b>No. of Students Attempted</b>		<b>63</b>	<b>63</b>	<b>60</b>	<b>50</b>	<b>56</b>	<b>47</b>	<b>113</b>	<b>113</b>	<b>110</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>61</b>	<b>62</b>	<b>60</b>	<b>50</b>	<b>56</b>	<b>47</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										<b>74</b>
<b>% of students secured &gt; Threshold marks</b>		<b>96.83</b>	<b>98.41</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>67.27</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>			

<b>Indirect CO Attainment Level</b>	<b>2.25</b>	<b>2.1</b>	<b>2.33</b>	<b>2.34</b>	<b>2.33</b>	<b>2.29</b>			
<b>Total CO Attainment</b>	<b>2.21</b>	<b>2.19</b>	<b>2.21</b>	<b>2.21</b>	<b>2.21</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>2.33</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>25</b>	<b>30</b>	<b>23</b>	<b>22</b>	<b>24</b>	<b>26</b>
<b>Level 2</b>	<b>35</b>	<b>42</b>	<b>30</b>	<b>31</b>	<b>28</b>	<b>28</b>
<b>Level 3</b>	<b>53</b>	<b>41</b>	<b>60</b>	<b>60</b>	<b>61</b>	<b>59</b>
<b>Total no. of students participated</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>
<b>CO Attainment Level</b>	<b>2.25</b>	<b>2.1</b>	<b>2.33</b>	<b>2.34</b>	<b>2.33</b>	<b>2.29</b>

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	2	---	2	2	2	---	---	1	---	1	2
CO2	1	2	2	---	---	3	2	---	---	2	----	2
CO3	2	2	3	3	2	2	---	---	3	---	3	---
CO4	1	2	3	2	2	1	2	---	1	1	----	2
CO5	2	1	2	2	2	---	1	1	2	---	2	1
CO6	2	1	1	1	--	2	---	3	1	---	1	2
<b>Average PO Attainment</b>	<b>1.67</b>	<b>1.67</b>	<b>2.2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.67</b>	<b>2</b>	<b>1.6</b>	<b>1.5</b>	<b>1.75</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.3</b>	<b>1.3</b>	<b>1.71</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.3</b>	<b>1.55</b>	<b>1.24</b>	<b>1.17</b>	<b>1.36</b>	<b>1.4</b>

## Computation of CO and PO Attainment

<b>Class: BCA III Sem-V</b>	<b>Course : MC</b>
<b>A.Y. 2017-18</b>	<b>Couse Code:</b>

### Computation of CO Overall Attainment

Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20	80
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278	5		5			5	5	20	48
2	ZF19279	5			5	5		5	20	33
3	ZF19280		5	5			5	5	20	40
4	ZF19281	5	4				5	5	19	21
5	ZF19282		5	5		5		5	20	43
6	ZF19283	5			5	5		5	20	33
7	ZF19284	4			5		5	5	19	AA
8	ZF19285		5		5	5		5	20	35
9	ZF19286		5	5			5	5	20	36
10	ZF19287	5			5	5		5	20	28
11	ZF19288	5		5		5		5	20	29
12	ZF19289		5	4			4	5	18	16
13	ZF19290	5	5			5		5	20	47
14	ZF19291		4	5		5		5	19	11
15	ZF19292		4	5			5	5	19	29
16	ZF19293	5		5		5		5	20	38
17	ZF19294	5		5		5		5	20	30
18	ZF19295		4	5			5	5	19	35
19	ZF19296	5	5			5		5	20	AA
20	ZF19297		5	5			5	5	20	50
21	ZF19298	4			5	5		5	19	29

22	ZF19299	4			5		5	5	19	20
23	ZF19300	5		5		5		5	20	11
24	ZF19301		5	5			5	5	20	47
25	ZF19302	5	4				5	5	19	36
26	ZF19303		5	5		5		5	20	30
27	ZF19304	5		5		5		5	20	21
28	ZF19305	4			5	5		5	19	33
29	ZF19306	5			5		5	5	20	39
30	ZF19307		4	5			5	5	19	19
31	ZF19308		5	5		5		5	20	50
32	ZF19309	5	4			5		5	19	34
33	ZF19310		4	5			5	5	19	33
34	ZF19311	5			5		5	5	20	28
35	ZF19312	5			5	5		5	20	18
36	ZF19313	5			5	4		5	19	39
37	ZF19314		4	5		5		5	19	30
38	ZF19315		5	5		5		5	20	43
39	ZF19316	5	4				5	5	19	42
40	ZF19317		5	5			5	5	20	40
41	ZF19318		4		5	5		5	19	28
42	ZF19319	5		5		5		5	20	20
43	ZF19320	5		5		5		5	20	46
44	ZF19321		4	5			5	5	19	34
45	ZF19322		5		5		5	5	20	30
46	ZF19323		4	5		5		5	19	38
47	ZF19324		5	5		5		5	20	44
48	ZF19325		5	5		5		5	20	41
49	ZF19326	3			5		5	5	19	28
50	ZF19327	5		5		5		5	20	31
51	ZF19328	5		5		4		5	20	35

52	ZF19329		5		5	5		5	20	AA
53	ZF19330		4	5		5		4	19	29
54	ZF19331		5	5		5		5	20	31
55	ZF19332	5			4		5	5	19	39
56	ZF19333	4			5		5	5	19	38
57	ZF19334	5		5		4		5	19	36
58	ZF19335		5	5			5	5	20	44
59	ZF19336		3		5		5	5	20	39
60	ZF19337		5		5		5	5	20	38
61	ZF19338		4	5		5		5	19	34
62	ZF19339	5		5		5		5	20	44
63	ZF19340		5		5		3	5	19	33
64	ZF19341	5		5		5		5	20	28
65	ZF19342	5			5		5	5	20	32
66	ZF19343		5		5		5	5	20	35
67	ZF19344		5	5		5		5	20	29
68	ZF19345	5			5	5		5	20	53
69	ZF19346		3		5		5	5	20	47
70	ZF19347	3		5		5		5	19	29
71	ZF19348	5		5		5		5	20	45
72	ZF19349	5		5		5		5	20	31
73	ZF19350		5		5		5	5	20	42
74	ZF19351		5	4			5	5	19	35
75	ZF19352	5		5		5		5	20	35
76	ZF19353		5		5	4		5	19	34
77	ZF19354		5	5			5	5	20	22
78	ZF19355	3			5		5	5	19	21
79	ZF19356	4			5	5		5	19	29
80	ZF19357	4		5			5	5	19	34
81	ZF19358		4	5			5	5	19	31

82	ZF19359		4		5	5		5	19	19
83	ZF19360		5		5	5		5	20	41
84	ZF19361		5	5			5	5	20	28
85	ZF19362	4		5		5		5	19	40
86	ZF19363	5			5	4		5	19	39
87	ZF19364	4			5		5	5	19	36
88	ZF19365		4	5			5	5	19	20
89	ZF19366		4	5		5		5	19	13
90	ZF19367		3	5		5		5	20	19
91	ZF19368		5		5	5		5	20	14
92	ZF19369	5			4		5	5	20	29
93	ZF19370	5		5			5	5	20	29
94	ZF19371	4		5		5		5	19	3
95	ZF19372	4		5			5	5	19	20
96	ZF19373		4		5	5		5	19	30
97	ZF19374		4		5	5		5	19	28
98	ZF19375		4		5		5	5	19	41
99	ZF19376		5	5		5		5	20	38
100	ZF19377	5		5			5	5	20	29
101	ZF19378	5		5			5	5	20	37
102	ZF19379	5			5	5		5	20	36
103	ZF19380	5			5	5		5	20	37
104	ZF19381		4	5		5		5	19	36
105	ZF19382		4	5			5	5	19	28
106	ZF19383	4			5		5	5	19	20
107	ZF19384	4			5	5		5	19	33
108	ZF19385		5		5		4	5	19	36
109	ZF19386	5		5		5		5	20	29
110	ZF19387		5	5			5	5	20	28
111	ZF19388		5		5		5	5	20	38
112	ZF19389	5			5	5		5	20	40

11 3	ZF19390	4		5		5		5	19	18
<b>No. of Students Attempted</b>		<b>58</b>	<b>61</b>	<b>62</b>	<b>45</b>	<b>63</b>	<b>50</b>	<b>113</b>	<b>113</b>	<b>110</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>55</b>	<b>58</b>	<b>62</b>	<b>45</b>	<b>63</b>	<b>49</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										<b>61</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>94.83</b>	<b>95.08</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>98</b>			<b>55.45</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>1</b>
<b>Direct CO Attainment</b>		<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>			
<b>Indirect CO Attainment Level</b>		<b>2.28</b>	<b>2.03</b>	<b>2.22</b>	<b>2.35</b>	<b>2.35</b>	<b>2.27</b>			
<b>Total CO Attainment</b>		<b>1.49</b>	<b>1.46</b>	<b>1.48</b>	<b>1.5</b>	<b>1.5</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										<b>1.73</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>22</b>	<b>35</b>	<b>29</b>	<b>19</b>	<b>25</b>	<b>27</b>
<b>Level 2</b>	<b>37</b>	<b>40</b>	<b>30</b>	<b>36</b>	<b>30</b>	<b>29</b>
<b>Level 3</b>	<b>54</b>	<b>38</b>	<b>54</b>	<b>58</b>	<b>60</b>	<b>57</b>
<b>Total no. of students participated</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>
<b>CO Attainment Level</b>	<b>2.28</b>	<b>2.03</b>	<b>2.22</b>	<b>2.35</b>	<b>2.35</b>	<b>2.27</b>

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	3	---	2	---	2	---	---	1	---	----	2
CO2	3	1	2	---	---	3	---	---	---	2	----	1
CO3	1	2	3	1	---	2	---	---	2	---	----	---
CO4	1	1	3	1	1	---	2	---	3	3	----	---
CO5	2	1	2	2	2	---	3	2	2	---	2	2
CO6	3	1	1	1	--	2	---	1	1	---	3	2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.5</b>	<b>2.2</b>	<b>1.4</b>	<b>1.5</b>	<b>2.25</b>	<b>2.5</b>	<b>1.5</b>	<b>1.8</b>	<b>2.5</b>	<b>2.5</b>	<b>1.75</b>

<b>PO's Attainment at Course Level</b>	<b>1.15</b>	<b>0.87</b>	<b>1.27</b>	<b>0.81</b>	<b>0.87</b>	<b>1.3</b>	<b>1.44</b>	<b>0.87</b>	<b>1.04</b>	<b>1.44</b>	<b>1.44</b>	<b>1.01</b>
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<b>Computation of CO and PO Attainment</b>	
<b>Class: BCA III Sem-V</b>	<b>Course : VB</b>
<b>A.Y. 2017-18</b>	<b>Course Code:</b>

<b>Computation of CO Overall Attainment</b>										
<b>Internal Assessment</b>										<b>External Assessment</b>
Sr. No.		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	5	20	80
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	ZF19278		5	5		5		5	20	48
2	ZF19279	5	5				5	5	20	28
3	ZF19280		5	5		5		5	20	28
4	ZF19281	4			5	5		5	19	32
5	ZF19282		5	5	5			5	20	34
6	ZF19283		5		5		5	5	20	29
7	ZF19284	4			5	5		5	19	AA
8	ZF19285	5		5			5	5	20	42
9	ZF19286		5	5			5	5	20	42
10	ZF19287		5	5			5	5	20	32
11	ZF19288	5	5			5		5	20	52
12	ZF19289		3	5			5	5	18	6
13	ZF19290	5			5		5	5	20	42
14	ZF19291	4			5	5		5	19	32
15	ZF19292		4	5	5			5	19	18
16	ZF19293		5	5		5		5	20	31
17	ZF19294		5		5	5		5	20	29



18	ZF19295	4		5		5		5	19	46
19	ZF19296	5		5			5	5	20	AA
20	ZF19297	5	5				5	5	20	36
21	ZF19298			5			5	5	19	29
22	ZF19299		4		5	5		5	19	21
23	ZF19300	4			5	5		5	20	11
24	ZF19301		5	5			5	5	20	36
25	ZF19302		5	5		5		5	19	16
26	ZF19303	5	4	5			5	5	20	45
27	ZF19304	5			5	5		5	20	35
28	ZF19305		4	5		5		5	19	56
29	ZF19306		5	5		5		5	20	39
30	ZF19307	5	4				5	5	19	28
31	ZF19308		5	5			5	5	20	35
32	ZF19309	4			5	5		5	19	28
33	ZF19310	4		5			5	5	19	13
34	ZF19311	5	5				5	5	20	38
35	ZF19312	5		5		5		5	20	36
36	ZF19313		5	5		5		5	19	24
37	ZF19314		4		5	5		5	19	45
38	ZF19315		5		5		5	5	20	31
39	ZF19316		4	5			5	5	19	50
40	ZF19317	5		5			5	5	20	41
41	ZF19318	4			5	5		5	19	17
42	ZF19319	5			5	5		5	20	28
43	ZF19320		5	5		5		5	20	50
44	ZF19321	4		5			5	5	19	38
45	ZF19322	5			5		5	5	20	23
46	ZF19323	4			5		5	5	19	38
47	ZF19324		5		5	5		5	20	47

48	ZF19325		5	5		5		5	20	35
49	ZF19326		4	5			5	5	19	28
50	ZF19327	5	5				5	5	20	28
51	ZF19328	5	5			4		5	20	28
52	ZF19329		5	5			5	5	20	AA
53	ZF19330	4			5	5		5	19	49
54	ZF19331	5			5	5		5	20	34
55	ZF19332	5		5	4			5	19	39
56	ZF19333	4			5	5		5	19	38
57	ZF19334		5	5			4	5	19	36
58	ZF19335	5	5			5		5	20	47
59	ZF19336		5	5		5		5	20	46
60	ZF19337	5		5			5	5	20	34
61	ZF19338		4	5			5	5	19	40
62	ZF19339		5		5	5		5	20	46
63	ZF19340	5			5		4	5	19	36
64	ZF19341		5	5		5		5	20	38
65	ZF19342		5		5	5		5	20	32
66	ZF19343		5		5		5	5	20	32
67	ZF19344	5		5			5	5	20	40
68	ZF19345	5		5		5		5	20	33
69	ZF19346	5	5			5		5	20	45
70	ZF19347	4		5			5	5	19	30
71	ZF19348		5	5			5	5	20	43
72	ZF19349		5		5	5		5	20	44
73	ZF19350	5			5	5		5	20	47
74	ZF19351	4		5			5	5	19	42
75	ZF19352		5	5			5	5	20	28
76	ZF19353		5		5	5		5	19	33
77	ZF19354		5		5	5		5	20	43

78	ZF19355	3		5			5	5	19	31
79	ZF19356		4	5		5		5	19	34
80	ZF19357		4	5		5		5	19	28
81	ZF19358	4		5	5			5	19	28
82	ZF19359	4		5	5			5	19	40
83	ZF19360	5		5		5		5	20	40
84	ZF19361		5	5		5		5	20	21
85	ZF19362		5	5			5	5	19	47
86	ZF19363		5	5		5		5	19	30
87	ZF19364	4			5		5	5	19	28
88	ZF19365	4			5		5	5	19	19
89	ZF19366		4	5		5		5	19	28
90	ZF19367	5		5	5			5	20	33
91	ZF19368	5		5		5		5	20	10
92	ZF19369		5	5		5		5	20	36
93	ZF19370		5		5		5	5	20	48
94	ZF19371	5			5	5		5	20	8
95	ZF19372	4		5			5	5	19	28
96	ZF19373		4	5		5		5	19	30
97	ZF19374		4	5		5		5	19	33
98	ZF19375		4	5			5	5	19	43
99	ZF19376		5	5			5	5	20	38
100	ZF19377	5			5	5		5	20	28
101	ZF19378	5			5	5		5	20	34
102	ZF19379		5		5		5	5	20	39
103	ZF19380	4			5		5	5	20	46
104	ZF19381	4		5		5		5	19	30
105	ZF19382		4	5		5		5	19	36
106	ZF19383	4		5	5			5	19	41
107	ZF19384	4		5	5			5	19	30

108	ZF19385	4		5	5			5	19	32
109	ZF19386		5	5		5		5	20	36
110	ZF19387		5	5			5	5	20	33
111	ZF19388	5			5		5	5	20	28
112	ZF19389	5		5		5		5	20	35
113	ZF19390	4		5		5		5	19	15
<b>No. of Students Attempted</b>		<b>59</b>	<b>63</b>	<b>67</b>	<b>46</b>	<b>57</b>	<b>47</b>	<b>113</b>	<b>113</b>	<b>110</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>58</b>	<b>62</b>	<b>67</b>	<b>46</b>	<b>57</b>	<b>47</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										<b>69</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>98.31</b>	<b>98.41</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>62.73</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.17</b>	<b>2.05</b>	<b>2.24</b>	<b>1.57</b>	<b>2.23</b>	<b>2.27</b>			
<b>Total CO Attainment</b>		<b>2.2</b>	<b>2.19</b>	<b>2.2</b>	<b>2.14</b>	<b>2.2</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										<b>2.31</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	31	32	29	20	30	27
Level 2	32	43	28	32	27	29
Level 3	50	38	56	31	56	57
<b>Total no. of students participated</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>
<b>CO Attainment Level</b>	<b>2.17</b>	<b>2.05</b>	<b>2.24</b>	<b>1.57</b>	<b>2.23</b>	<b>2.27</b>

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	---	2	---	2	---	---	3	---	---	2
CO2	3	1	1	---	---	3	---	---	---	2	---	2
CO3	3	2	3	1	---	1	---	---	2	---	---	---

CO4	2	3	3	2	2	---	1	---	3	3	----	---
CO5	2	1	2	2	1	---	2	2	2	---	2	2
CO6	3	1	3	2	--	3	---	1	3	---	3	2
<b>Average PO Attainment</b>	<b>2.5</b>	<b>1.83</b>	<b>2.4</b>	<b>1.8</b>	<b>1.5</b>	<b>2.25</b>	<b>1.5</b>	<b>1.5</b>	<b>2.6</b>	<b>2.5</b>	<b>2.5</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.93</b>	<b>1.41</b>	<b>1.85</b>	<b>1.39</b>	<b>1.16</b>	<b>1.73</b>	<b>1.16</b>	<b>1.16</b>	<b>2</b>	<b>1.93</b>	<b>1.93</b>	<b>1.54</b>

Computation of CO Direct Attainment										
Course :WP										
Class: BCA III Sem.-V      A.Y. 2018-19      Course Code:										
Internal Assessment									External Assessment	
Sr. No.	MAX.	Test-I (15) (Any three)						Assign ment	To tal	Marks
		Q1( 5)	Q2( 5)	Q3( 5)	Q4( 5)	Q5( 5)	Q6( 5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF1774	5			5	3		10	23	36
2	ZF1775		5		5		4	10	24	35
3	ZF1776		5	5			3	10	23	30
4	ZF1777	5				3	5	10	23	47
5	ZF1778	5			5	3		10	23	33
6	ZF1779		5		5		4	10	24	30
7	ZF1780		5	5			5	10	25	43
8	ZF1781		5		5	3		10	23	31
9	ZF1782	5			5	3		10	23	36
10	ZF1783		5		5	3		10	23	35
11	ZF1784		5	5			3	10	23	33
12	ZF1785	5		5		3		10	23	46
13	ZF1786	5			5	3		10	23	37
14	ZF1787		5	5			3	10	23	41
15	ZF1788		5	5			3	10	23	32
16	ZF1789		5		5	3		10	23	36
17	ZF1790	5			5		3	10	23	38
18	ZF1791	5			5		3	10	23	55
19	ZF1792	5		5			5	10	25	38
20	ZF1793		5	5		5		10	25	45
21	ZF1794	5			5	3		10	23	34
22	ZF1795	5		5		4		10	24	33
23	ZF1796		5	5			4	10	24	0

24	ZF1797		5		5		5	10	25	32
25	ZF1798	5			5	3		10	23	42
26	ZF1799	5		5			3	10	23	30
27	ZF1800	5		5			3	10	23	54
28	ZF1801		5		5	3		10	23	32
29	ZF1802	5			5	4		10	24	30
30	ZF1803	5			5		5	10	25	45
31	ZF1804	5		5			5	10	25	34
32	ZF1805		5	5			3	10	23	43
33	ZF1806		5		5	5		10	25	32
34	ZF1807	5		5		3		10	23	42
35	ZF1808		5	5		4		10	24	53
36	ZF1809		5		5		3	10	23	38
37	ZF1810	5			5		3	10	23	41
38	ZF1811	5			5	5		10	25	30
39	ZF1812		5	5		3		10	23	30
40	ZF1813		5	5			5	10	25	41
41	ZF1814		5		5		4	10	24	32
42	ZF1815	5		5			4	10	24	40
43	ZF1816	5		5		4		10	24	42
44	ZF1817	5		5		5		10	25	48
45	ZF1818		5		5	4		10	24	48
46	ZF1819		4		5		3	10	23	45
47	ZF1820		5	5		4		10	24	0
48	ZF1821	5			5	3		10	23	45
49	ZF1822		5		5		3	10	23	40
50	ZF1823		5		5		5	10	25	42
51	ZF1824	5		5		3		10	23	33
52	ZF1825	5		5			3	10	23	33
53	ZF1826	5			5		4	10	24	40
54	ZF1827		5		5		3	10	23	16
55	ZF1828	5				3	5	10	23	30

56	ZF1829			5	5	5		10	25	38
57	ZF1830	5	5				5	10	25	45
58	ZF1831		5		5	5		10	25	30
59	ZF1832	5	5	5				10	25	40
60	ZF1833	5		5		3		10	23	34
61	ZF1834	4			5	5		10	24	31
62	ZF1835		5		5		3	10	23	33
63	ZF1836		5		5		3	10	23	38
64	ZF1837	5		5			5	10	25	31
65	ZF1838		5	5		5		10	25	37
66	ZF1839		5		5	3		10	23	18
67	ZF1840		5	5		5		10	25	46
68	ZF1841	5		5			3	10	23	37
69	ZF1842	5		5			4	10	24	34
70	ZF1843		4		5	5		10	24	37
71	ZF1844		5		5		5	10	25	53
72	ZF1845	5			5		5	10	25	35
73	ZF1846	5		5			5	10	25	50
74	ZF1847	4		5		5		10	24	37
75	ZF1848		5		5	3		10	23	2
76	ZF1849	5			5	5		10	25	39
77	ZF1850	5		5			3	10	23	30
78	ZF1851		5	5			5	10	25	41
79	ZF1852		3		5	5		10	23	43
80	ZF1853		3	5		5		10	23	31
81	ZF1854	3		5		5		10	23	34
82	ZF1855	4		5			5	10	24	36
83	ZF1856		5		5	4		10	24	53
84	ZF1857	5			5	4		10	24	18
85	ZF1858	5		5			3	10	23	30
86	ZF1859	5			5		3	10	23	36
87	ZF1860		5		5		3	10	23	30



88	ZF1861		4		5	5		10	24	44
89	ZF1862	5				3	5	10	23	12
90	ZF1863	5		5		3		10	23	25
91	ZF1864		5		5		3	10	23	20
92	ZF1865		5	5			3	10	23	30
93	ZF1866		5	5		3		10	23	42
94	ZF1867	5			5	5		10	25	34
95	ZF1868		4		5		5	10	24	32
96	ZF1869	5		5			3	10	23	36
97	ZF1870		5	5		5		10	25	39
98	ZF1871		5	5		5		10	25	39
99	ZF1872		5		5	4		10	24	36
100	ZF1873	5			5		4	10	24	33
101	ZF1874	5			5		3	10	23	31
102	ZF1875		5	5			5	10	25	47
103	ZF1876		5	5		3		10	23	66
104	ZF1877	5			5	3		10	23	ww
105	ZF1878	5		5		3		10	23	32
106	ZF1879	5		5			3	10	23	22
107	ZF1880		4	5		5		10	24	36
108	ZF1881		5		5	3		10	23	43
109	ZF1882		5		5	3		10	23	44
110	ZF1883	5		5			3	10	23	30
111	ZF1884		5		5		5	10	25	37
112	ZF1885		5		5		4	10	24	48
113	ZF1886	5			5	5		10	25	33
114	ZF1887	5		5		4		10	24	30
115	ZF1888		5		5	3		10	23	22
116	ZF1889		5		5		3	10	23	30
117	ZF1890		5	5			4	10	24	36
118	ZF1891	5		5			5	10	25	30
119	ZF1892		5	5	5			10	25	44

No. of Students Attempted	58	62	56	61	60	60	119	119	118
In Internal Assessment No. of Students Secured > = Threshold marks (60%=3Marks)	58	62	56	61	60	60			
In External Assessment No. of Students Secured > =Threshold marks (50%=25 Marks)									108
% of students secured >= Threshold marks	100	100	100	100	100	100			91.53
Attainment Level	3	3	3	3	3	3			3
Direct CO Attainment	3	3	3	3	3	3			
Indirect CO Attainment Level	2.26	2.3	2.31	2.29	2.25	2.24			
Total CO Attainment	2.93	2.93	2.93	2.93	2.93	2.93			
Average CO Attainment									2.93

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	29	25	26	27	29	29
Level 2	30	33	30	31	31	32
Level 3	60	61	63	61	59	58
Total no. of students participated	119	119	119	119	119	119
CO Attainment Level	2.26	2.3	2.31	2.29	2.25	2.24

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	3	1	1	1	2	3	1	3
CO2	1	1		1		3	1	2	3	1	3	2
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2

Average PO Attainment	1.8	1.8	2.2	2	2.2	1.8	1.8	2.2	2.4	1.83	1.8	2.4
PO's Attainment at Course Level	1.76	1.76	2.15	1.95	2.15	1.76	1.76	2.15	2.34	1.79	1.76	2.34

Computation of CO Direct Attainment										
Course :AJ										
Class: BCA III Sem.-V      A.Y. 2018-19      Couse Code:										
Internal Assessment										External Assessment
Sr. No.	MAX.	Test-I (15) (Any three)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF1774	5		5			3	10	23	34
2	ZF1775		5	5	3			10	23	30
3	ZF1776	5	5				3	10	23	36
4	ZF1777	5			5	3		10	23	46
5	ZF1778			5	5	3		10	23	37
6	ZF1779	5		5			3	10	23	13
7	ZF1780		5		5		5	10	25	59
8	ZF1781		5	5		3		10	23	37
9	ZF1782	5		5		3		10	23	40
10	ZF1783		5		5	3		10	23	37
11	ZF1784	5			5		3	10	23	18
12	ZF1785	5		5			3	10	23	37
13	ZF1786		5	5			3	10	23	35
14	ZF1787		5		5	3		10	23	39
15	ZF1788		5			3	5	10	23	33

16	ZF1789	5			5	3		10	23	14
17	ZF1790	5		5			3	10	23	34
18	ZF1791	5		5		3		10	23	50
19	ZF1792		5		5	5		10	25	30
20	ZF1793	5			5		4	10	24	51
21	ZF1794	5		5			3	10	23	44
22	ZF1795		5	5		4		10	23	30
23	ZF1796		5		5	4		10	23	31
24	ZF1797		5		5	5		10	25	31
25	ZF1798	5			5		3	10	23	32
26	ZF1799		5	5			3	10	23	30
27	ZF1800		5	5			3	10	23	42
28	ZF1801	5			5	3		10	23	7
29	ZF1802	5		5		3		10	23	21
30	ZF1803		5		5		4	10	24	31
31	ZF1804		5	5			5	10	25	43
32	ZF1805	5		5		3		10	23	43
33	ZF1806		5	5		5		10	25	37
34	ZF1807		5		5		3	10	23	33
35	ZF1808	5			5		3	10	23	39
36	ZF1809	5		5			3	10	23	31
37	ZF1810		5	5		3		10	23	33
38	ZF1811		5		5	5		10	25	39
39	ZF1812		5		5	3		10	23	30
40	ZF1813	5			5		4	10	24	45
41	ZF1814	5		5			4	10	24	41
42	ZF1815	5		5		3		10	23	30
43	ZF1816		5	5		4		10	24	38
44	ZF1817		5		5	5		10	25	51
45	ZF1818	5			5		4	10	24	46
46	ZF1819	4		5			3	10	23	51
47	ZF1820		5	5			3	10	23	30

48	ZF1821		5		5	3		10	23	41
49	ZF1822		5		5	3		10	23	42
50	ZF1823	5			5		5	10	25	46
51	ZF1824		5	5		3		10	23	35
52	ZF1825	3	5		5			10	23	41
53	ZF1826	5		5		4		10	24	39
54	ZF1827	5		5			3	10	23	34
55	ZF1828		5	5		3		10	23	30
56	ZF1829		5		5		5	10	25	39
57	ZF1830		5		5		5	10	25	52
58	ZF1831	5		5			5	10	25	33
59	ZF1832	5		5		5		10	25	53
60	ZF1833	5			5	3		10	23	47
61	ZF1834		4	5		5		10	23	34
62	ZF1835		5	5			3	10	23	25
63	ZF1836	5		5			3	10	23	32
64	ZF1837		5		5	5		10	24	30
65	ZF1838		5	5		5		10	25	32
66	ZF1839	5		5			3	10	23	31
67	ZF1840	5			5		4	10	24	39
68	ZF1841	5			5		3	10	23	36
69	ZF1842		5		5	3		10	23	44
70	ZF1843		4	5		5		10	23	31
71	ZF1844		5		5		5	10	25	46
72	ZF1845	5			5		5	10	25	36
73	ZF1846	5		5			5	10	25	50
74	ZF1847		4	5		3		10	23	31
75	ZF1848	5			5	3		10	23	3
76	ZF1849		5		5		5	10	25	44
77	ZF1850	5			5		3	10	23	35
78	ZF1851	5		5		5		10	25	43
79	ZF1852		3	5		3		10	23	45

80	ZF1853		3		5		3	10	23	36
81	ZF1854	3			5		3	10	23	36
82	ZF1855	4		5			4	10	24	43
83	ZF1856	5			5	4		10	24	36
84	ZF1857		5		5	3		10	23	17
85	ZF1858		5		5		3	10	23	22
86	ZF1859		5	5		3		10	23	31
87	ZF1860	5		5		3		10	23	51
88	ZF1861	4			5		5	10	23	34
89	ZF1862		5		5		3	10	23	23
90	ZF1863	5			5		3	10	23	30
91	ZF1864	5		5		3		10	23	24
92	ZF1865	5			5	3		10	23	30
93	ZF1866		5		5		3	10	23	31
94	ZF1867		5	5			4	10	24	39
95	ZF1868	4		5			3	10	23	44
96	ZF1869	5			5	3		10	23	37
97	ZF1870		5	5		5		10	25	34
98	ZF1871			5		5	5	10	25	42
99	ZF1872		5		5		5	10	25	50
100	ZF1873	5				4	5	10	24	40
101	ZF1874	4	5		5			10	24	30
102	ZF1875		5	5		5		10	25	47
103	ZF1876	5		5			3	10	23	45
104	ZF1877		5		5		3	10	23	30
105	ZF1878	5			5	3		10	23	35
106	ZF1879		5	5			3	10	23	32
107	ZF1880		4	5			4	10	24	47
108	ZF1881		5	5			3	10	23	30
109	ZF1882	5			5	3		10	23	38
110	ZF1883	5			5	3		10	23	34
111	ZF1884		5	5			5	10	25	40

112	ZF1885	4	5		5			10	24	33
113	ZF1886	5			5	5		10	25	55
114	ZF1887		5		5	4		10	24	40
115	ZF1888	5		5		3		10	23	30
116	ZF1889		5	5			3	10	23	44
117	ZF1890		5		5		3	10	23	31
118	ZF1891	5			5	5		10	25	40
119	ZF1892	5		5		5		10	25	49
<b>No. of Students Attempted</b>		<b>60</b>	<b>61</b>	<b>58</b>	<b>60</b>	<b>58</b>	<b>60</b>	<b>119</b>	<b>119</b>	<b>119</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>60</b>	<b>61</b>	<b>58</b>	<b>60</b>	<b>58</b>	<b>60</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										109
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>91.6</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.28</b>	<b>2.31</b>	<b>2.3</b>	<b>2.28</b>	<b>2.29</b>	<b>2.29</b>			
<b>Total CO Attainment</b>		<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	27	25	26	28	26	25
<b>Level 2</b>	32	32	31	30	33	35
<b>Level 3</b>	60	62	62	61	60	59
<b>Total no. of students participated</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>
<b>CO Attainment Level</b>	<b>2.28</b>	<b>2.31</b>	<b>2.3</b>	<b>2.28</b>	<b>2.29</b>	<b>2.29</b>

CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	3	1	2	1	2	3	1	3
CO2	2	1		1		3	1	3	3	1	3	2
CO3	2	2	3	2	3	2	3	3	1		2	2
CO4	1	1	1	3	3	2	2			2	1	
CO5	3		2	1	1	1	3	2	1	1	1	3
CO6		1	3	2	2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>2.2</b>	<b>1.4</b>	<b>2.2</b>	<b>2</b>	<b>2.4</b>	<b>1.83</b>	<b>2.2</b>	<b>2.4</b>	<b>2</b>	<b>1.8</b>	<b>1.67</b>	<b>2.4</b>
<b>PO's Attainment at Course Level</b>	<b>2.15</b>	<b>1.37</b>	<b>2.15</b>	<b>1.95</b>	<b>2.34</b>	<b>1.79</b>	<b>2.15</b>	<b>2.34</b>	<b>1.95</b>	<b>1.76</b>	<b>1.63</b>	<b>2.34</b>

Computation of CO Direct Attainment											
Course :L&SP											
Class: BCA III Sem.-V    A.Y. 2018-19    Course Code:											
Internal Assessment										External Assessment	
Sr. No.	MAX.	Test-I (15) (Any three)						Assignment	Total	Marks	
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)				
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	ZF1774	5		5		3		10	23	37	
2	ZF1775	5				4	5	10	24	30	
3	ZF1776		5		5	3		10	23	32	
4	ZF1777		5		5		3	10	23	47	
5	ZF1778		5	5			3	10	23	40	
6	ZF1779	5		5		4		10	24	30	
7	ZF1780	5			5	5		10	25	39	
8	ZF1781	5			5		3	10	23	45	
9	ZF1782		5		5		3	10	23	39	



10	ZF1783		5	5			3	10	23	30
11	ZF1784	5		5		3		10	23	38
12	ZF1785	5			5	3		10	23	40
13	ZF1786		5		5		3	10	23	38
14	ZF1787	5		5			3	10	23	33
15	ZF1788	5		5		3		10	23	16
16	ZF1789	5			5	3		10	23	AA
17	ZF1790		5		5	3		10	23	32
18	ZF1791		5	5			3	10	23	47
19	ZF1792	5			5		5	10	25	31
20	ZF1793	5		5		5		10	25	37
21	ZF1794		5	5		3		10	23	43
22	ZF1795		5		5	4		10	24	30
23	ZF1796		5	5			4	10	24	14
24	ZF1797	5		5			5	10	25	19
25	ZF1798		5	5		3		10	23	35
26	ZF1799		5		5	3		10	23	34
27	ZF1800	5			5		3	10	23	39
28	ZF1801	5			5	3		10	23	7
29	ZF1802		5	5		4		10	24	18
30	ZF1803		5	5			5	10	25	36
31	ZF1804	5		5		5		10	25	45
32	ZF1805	5			5	3		10	23	45
33	ZF1806	5		5		5		10	25	43
34	ZF1807		5	5			3	10	23	47
35	ZF1808	5			5		4	10	24	43
36	ZF1809		5		5	3		10	23	40
37	ZF1810		5	5		3		10	23	43
38	ZF1811		5	5		5		10	25	47
39	ZF1812	5		5			3	10	23	32
40	ZF1813	5			5	5		10	25	49
41	ZF1814		5		5	4		10	24	36

42	ZF1815		5		5		4	10	24	40
43	ZF1816		5	5			4	10	24	38
44	ZF1817	5		5		5		10	25	38
45	ZF1818	5			5	4		10	24	49
46	ZF1819		5		5		3	10	23	47
47	ZF1820		5	5			4	10	24	12
48	ZF1821	5			5		3	10	23	46
49	ZF1822	5		5		3		10	23	50
50	ZF1823	5		5		5		10	25	41
51	ZF1824		5	5			3	10	23	34
52	ZF1825		5		5		3	10	23	30
53	ZF1826	5			5	4		10	24	46
54	ZF1827	5		5		3		10	23	33
55	ZF1828		5		5	3		10	23	43
56	ZF1829		5		5		5	10	25	14
57	ZF1830		5	5			5	10	25	46
58	ZF1831	5		5		5		10	25	34
59	ZF1832		5	5		5		10	25	51
60	ZF1833		5		5	3		10	23	36
61	ZF1834	4			5		5	10	24	44
62	ZF1835	5		5			3	10	23	30
63	ZF1836		5	5			3	10	23	30
64	ZF1837	5			5	5		10	25	33
65	ZF1838	5			5		5	10	25	36
66	ZF1839	5		5		3		10	23	15
67	ZF1840		5		5	5		10	25	42
68	ZF1841		5	5		3		10	23	39
69	ZF1842	5		5			4	10	24	47
70	ZF1843	4		5			5	10	24	43
71	ZF1844		5		5		5	10	25	49
72	ZF1845		5		5	5		10	25	35
73	ZF1846		5	5		5		10	25	47

74	ZF1847	4		5			5	10	24	48
75	ZF1848		5	5		3		10	23	4
76	ZF1849		5		5	5		10	25	43
77	ZF1850	5			5		3	10	23	41
78	ZF1851	5		5			5	10	25	40
79	ZF1852		3	5		3		10	23	43
80	ZF1853	5		5		3		10	23	43
81	ZF1854	5			5	3		10	23	39
82	ZF1855		5		5		4	10	24	55
83	ZF1856		5		5	4		10	24	44
84	ZF1857	5		5		4		10	24	18
85	ZF1858	5			5	3		10	23	33
86	ZF1859	5			5		3	10	23	30
87	ZF1860		5	5			3	10	23	34
88	ZF1861		4	5		5		10	24	42
89	ZF1862	5			5	3		10	23	6
90	ZF1863	5			5		3	10	23	31
91	ZF1864		5		5	3		10	23	30
92	ZF1865		5	5		3		10	23	33
93	ZF1866		5		5		3	10	23	34
94	ZF1867	5			5		5	10	25	34
95	ZF1868	4			5	5		10	24	47
96	ZF1869		5	5		3		10	23	47
97	ZF1870	5		5			5	10	25	40
98	ZF1871		5	5			5	10	25	46
99	ZF1872		5		5		4	10	24	34
100	ZF1873	5			5	4		10	24	43
101	ZF1874	5		5		3		10	23	49
102	ZF1875	5		5			5	10	25	40
103	ZF1876		5		5		3	10	23	44
104	ZF1877	5			5	3		10	23	30
105	ZF1878	5		5		3		10	23	30

106	ZF1879		5	5			3	10	23	18
107	ZF1880		5	5			4	10	24	48
108	ZF1881		5		5		3	10	23	34
109	ZF1882	5		5		3		10	23	35
110	ZF1883	5		5		3		10	23	33
111	ZF1884	5			5	5		10	25	36
112	ZF1885		5		5		4	10	24	32
113	ZF1886		5	5			5	10	25	45
114	ZF1887	5		5		4		10	24	34
115	ZF1888	5			5	3		10	23	30
116	ZF1889		5		5		3	10	23	44
117	ZF1890		5		5		4	10	24	20
118	ZF1891		5	5		5		10	25	35
119	ZF1892	5		5			5	10	25	46
<b>No. of Students Attempted</b>		<b>60</b>	<b>59</b>	<b>61</b>	<b>57</b>	<b>65</b>	<b>55</b>	<b>119</b>	<b>11</b>	<b>118</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>60</b>	<b>59</b>	<b>61</b>	<b>57</b>	<b>65</b>	<b>55</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										105
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>88.98</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.28</b>	<b>2.28</b>	<b>2.28</b>	<b>2.3</b>	<b>2.3</b>	<b>2.26</b>			
<b>Total CO Attainment</b>		<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.93

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	27	26	28	26	25	28
Level 2	32	34	30	31	33	32
Level 3	60	59	61	62	61	59

<b>Total no. of students participated</b>	119	119	119	119	119	119
<b>CO Attainment Level</b>	2.28	2.28	2.28	2.3	2.3	2.26

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	3	1	1	1	2		1	3
CO2	2	1		1		3		3		1	3	1
CO3		3		3		2	2		1	3		
CO4	1		2		2		1			2		2
CO5	2		3	1	1	1	3	2	1	1	1	
CO6		1	2		2	2		3	3	2	2	1
<b>Average PO Attainment</b>	<b>2</b>	<b>1.75</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>2.25</b>	<b>1.75</b>	<b>1.8</b>	<b>1.75</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>1.71</b>	<b>2.2</b>	<b>1.95</b>	<b>1.95</b>	<b>1.76</b>	<b>1.71</b>	<b>2.2</b>	<b>1.71</b>	<b>1.76</b>	<b>1.71</b>	<b>1.71</b>

<b>Computation of CO Direct Attainment</b>														
Course :EL3														
Class: BCA III Sem.-V      A.Y. 2018-19      Couse Code:														
Internal Assessment										External Assessment				
Sr. No.	Test-I (15) (Any three)					Assign ment	To tal	Marks						
	MAX.					Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	25	75

	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF1774	5			5	3		10	23	31
2	ZF1775		5		5		4	10	24	30
3	ZF1776		5		5		3	10	23	31
4	ZF1777	5		5		3		10	23	43
5	ZF1778	5		5			3	10	23	42
6	ZF1779	5			5		4	10	24	30
7	ZF1780		5		5		3	10	23	39
8	ZF1781	5		5		3		10	23	42
9	ZF1782	5		5	3			10	23	34
10	ZF1783		5			3	5	10	23	37
11	ZF1784	5			5	3		10	23	12
12	ZF1785		5	5			3	10	23	39
13	ZF1786	5		5			3	10	23	38
14	ZF1787	5			5	3		10	23	38
15	ZF1788		5		5	3		10	25	20
16	ZF1789		5	5			5	10	25	5
17	ZF1790		5		5		3	10	23	39
18	ZF1791	5			5	3		10	23	45
19	ZF1792		5		5	3		10	23	45
20	ZF1793		5	5			5	10	25	39
21	ZF1794	5			5		3	10	23	46
22	ZF1795	5		5		4		10	24	30
23	ZF1796	5		5		4		10	24	30
24	ZF1797		5		5	5		10	25	15
25	ZF1798		5		5		3	10	23	30
26	ZF1799	5		5			3	10	23	30
27	ZF1800	5			5		3	10	23	32
28	ZF1801		5		5	3		10	23	11
29	ZF1802		5		5	4		10	24	11
30	ZF1803		5	5		5		10	25	13
31	ZF1804	5		5			5	10	25	38

32	ZF1805	5		5		3		10	23	28
33	ZF1806	5			5	5		10	25	31
34	ZF1807		5		5		3	10	23	45
35	ZF1808		5	5			4	10	24	36
36	ZF1809	5		5		3		10	23	22
37	ZF1810		5	5		3		10	23	43
38	ZF1811	5			5		5	10	25	33
39	ZF1812		5	5		3		10	23	30
40	ZF1813		5		5	5		10	25	41
41	ZF1814		5		5	4		10	24	42
42	ZF1815	5		5			4	10	24	33
43	ZF1816	5		5			4	10	24	35
44	ZF1817		5		5		5	10	25	39
45	ZF1818		5		5	4		10	24	47
46	ZF1819	5	5			3		10	23	34
47	ZF1820	5		5			3	10	24	10
48	ZF1821		5		5		3	10	23	40
49	ZF1822		5		5	3		10	23	43
50	ZF1823	5			5	5		10	25	33
51	ZF1824	5		5		3		10	23	31
52	ZF1825	5		5			3	10	23	23
53	ZF1826		5		5		4	10	24	32
54	ZF1827	5			5		3	10	23	33
55	ZF1828	5		5		3		10	23	24
56	ZF1829		5	5			5	10	25	30
57	ZF1830		5		5	5		10	25	43
58	ZF1831	5		5		5		10	25	31
59	ZF1832	5			5	5		10	25	46
60	ZF1833	5		5			3	10	23	39
61	ZF1834		4		5		4	10	24	31
62	ZF1835	5			5	3		10	23	32
63	ZF1836	5		5		3		10	23	34

64	ZF1837		5	5			5	10	25	12
65	ZF1838		5	5			5	10	25	44
66	ZF1839	5			5		3	10	23	8
67	ZF1840	5		5		5		10	25	48
68	ZF1841	5		5			3	10	23	38
69	ZF1842		5		5	4		10	24	46
70	ZF1843	4			5		4	10	24	39
71	ZF1844	5		5			5	10	25	44
72	ZF1845		5	5		5		10	25	32
73	ZF1846		5		5	5		10	25	39
74	ZF1847		4	5		4		10	24	33
75	ZF1848	5		5			3	10	23	9
76	ZF1849	5		5			5	10	25	36
77	ZF1850	5			5		3	10	23	34
78	ZF1851		5		5	5		10	25	44
79	ZF1852		3	5		3		10	23	44
80	ZF1853	5			5		3	10	23	41
81	ZF1854		5		5		3	10	23	13
82	ZF1855		5		5	4		10	24	44
83	ZF1856		5	5		4		10	24	34
84	ZF1857	5		5			4	10	24	5
85	ZF1858	5			5		3	10	23	15
86	ZF1859		5		5		3	10	23	18
87	ZF1860		5	5		3		10	23	44
88	ZF1861	4		5			4	10	24	32
89	ZF1862	5		5		3		10	23	7
88	ZF1863		5		5	3		10	23	16
91	ZF1864		5		5		3	10	23	15
92	ZF1865		5	5			3	10	23	18
93	ZF1866	5		5		3		10	23	45
94	ZF1867	5		5		5		10	25	29
95	ZF1868	4			5		4	10	24	41





Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	25	25	26	26	27	30
Level 2	32	31	29	32	33	31
Level 3	62	63	64	61	59	58
Total no. of students participated	119	119	119	119	119	119
CO Attainment Level	2.31	2.32	2.32	2.29	2.27	2.24

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2		1	2	1	2	3	3	1	2	2	1
CO2	1	1		1		3	1	2	3	1	3	2
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	1.6	1.75	2	1.8	1.8	2	2.2	2.6	2.2	1.67	2	2
PO's Attainment at Course Level	1.56	1.71	1.95	1.76	1.76	1.95	2.15	2.54	2.15	1.63	1.95	1.95

Computation of CO Direct Attainment											
Course :PRJ											
Class: BCA III Sem.-V      A.Y. 2018-19      Course Code:											
Internal Assessment										External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks	
		MAX.	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)				Q6(5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6
1	ZF1774		5	5		3		10	23	69	
2	ZF1775		5		5	3		10	23	69	
3	ZF1776	5		5		3		10	23	69	
4	ZF1777	5		5			3	10	23	63	
5	ZF1778	5			5		3	10	23	70	
6	ZF1779		5	5		3		10	23	60	
7	ZF1780	5		5			3	10	23	72	
8	ZF1781	5			5		3	10	23	72	
9	ZF1782		5		5	3		10	23	65	
10	ZF1783		5		5	3		10	23	63	
11	ZF1784		5	5			3	10	23	70	
12	ZF1785	5		5		3		10	23	72	
13	ZF1786		5	5		3		10	23	60	
14	ZF1787		5		5		3	10	23	70	
15	ZF1788	5		5			3	10	25	70	
16	ZF1789	5		5			4	10	24	AA	
17	ZF1790		5		5	3		10	23	70	
18	ZF1791	5			5		3	10	23	72	
19	ZF1792	5			5	3		10	23	72	
20	ZF1793	5		5		5		10	25	66	
21	ZF1794		5	5			3	10	23	69	
22	ZF1795		5		5		3	10	23	70	

23	ZF1796	5		5		3		10	23	55
24	ZF1797		5	5		5		10	25	72
25	ZF1798		5		5		3	10	23	70
26	ZF1799		5		5	3		10	23	70
27	ZF1800	5			5	3		10	23	62
28	ZF1801	5		5		3		10	23	65
29	ZF1802		5	5			3	10	23	55
30	ZF1803		5		5		4	10	24	63
31	ZF1804	5			5	5		10	25	72
32	ZF1805		5	5		3		10	23	65
33	ZF1806		5	5		5		10	25	75
34	ZF1807		5		5		3	10	23	69
35	ZF1808	5			5	3		10	23	70
36	ZF1809	5			5	3		10	23	68
37	ZF1810	5		5		3		10	23	62
38	ZF1811		5	5			5	10	25	72
39	ZF1812		5		5		3	10	23	65
40	ZF1813	5			5		4	10	24	72
41	ZF1814	5		5		4		10	24	55
42	ZF1815		5		5	3		10	23	70
43	ZF1816	5			5		4	10	24	70
44	ZF1817	5			5		5	10	25	75
45	ZF1818		5	5		4		10	24	70
46	ZF1819		5	5			3	10	23	72
47	ZF1820		5		5		3	10	23	55
48	ZF1821	5			5	3		10	23	65
49	ZF1822	5			5		3	10	23	65
50	ZF1823	5		5			5	10	25	75
51	ZF1824		5	5		3		10	23	69
52	ZF1825		5		5	3		10	23	60
53	ZF1826	5		5			3	10	23	65
54	ZF1827		5	5		3		10	23	72

55	ZF1828	5			5	3		10	23	60
56	ZF1829	5			5	3		10	23	63
57	ZF1830		5		5		5	10	25	70
58	ZF1831		5	5			5	10	25	65
59	ZF1832		5	5		5		10	25	75
60	ZF1833	5		5		3		10	23	63
61	ZF1834	4			5		3	10	23	60
62	ZF1835		5		5	3		10	23	62
63	ZF1836	5		5		3		10	23	72
64	ZF1837	5			5	4		10	24	62
65	ZF1838		5		5		5	10	25	69
66	ZF1839		5	5			3	10	23	60
67	ZF1840		5	5		4		10	24	73
68	ZF1841	5		5		3		10	23	65
69	ZF1842	5			5	3		10	23	72
70	ZF1843		4	5			3	10	23	68
71	ZF1844		5	5		5		10	25	75
72	ZF1845	5			5	5		10	25	72
73	ZF1846		5		5	5		10	25	65
74	ZF1847		4		5		3	10	23	70
75	ZF1848		5	5			3	10	23	55
76	ZF1849	5			5	5		10	25	72
77	ZF1850	5		5		3		10	23	60
78	ZF1851		5		5		5	10	25	73
79	ZF1852		3	5	3			10	23	67
80	ZF1853	5		5		3		10	23	63
81	ZF1854	5			5	3		10	23	69
82	ZF1855	5		5			4	10	24	72
83	ZF1856		5	5			4	10	24	60
84	ZF1857	5		5		3		10	23	60
85	ZF1858	5			5	3		10	23	70
86	ZF1859		5		5		3	10	23	72

87	ZF1860		5	5		3		10	23	70
88	ZF1861	4		5		5		10	23	65
89	ZF1862	5			5	3		10	23	59
88	ZF1863	5		5			3	10	23	65
91	ZF1864		5		5		3	10	23	62
92	ZF1865		5		5	3		10	23	60
93	ZF1866	5			5		3	10	23	60
94	ZF1867	5		5		4		10	24	72
95	ZF1868	4			5	3		10	23	70
96	ZF1869		5		5		3	10	23	68
97	ZF1870	5		5			5	10	25	69
98	ZF1871		5	5		5		10	25	63
99	ZF1872		5		5	3		10	23	70
100	ZF1873		5		5		4	10	24	69
101	ZF1874	5		5			3	10	23	68
102	ZF1875	5		5		5		10	25	75
103	ZF1876		5	5		3		10	23	65
104	ZF1877		5		5		3	10	23	60
105	ZF1878	5	5				3	10	23	72
106	ZF1879	5		5		3		10	23	68
107	ZF1880		5	5		4		10	24	70
108	ZF1881		5		5	3		10	23	65
109	ZF1882		5	5			3	10	23	65
110	ZF1883	5			5		3	10	23	62
111	ZF1884	5			5	5		10	25	70
112	ZF1885	5		5		4		10	24	64
113	ZF1886		5	5			5	10	25	70
114	ZF1887	5			5		4	10	24	72
115	ZF1888	5		5		3		10	23	68
116	ZF1889		5	5		3		10	23	65
117	ZF1890		5		5	3		10	23	65
118	ZF1891	5			5		5	10	25	67

119	ZF1892	5		5			5	10	25	75
<b>No. of Students Attempted</b>		<b>60</b>	<b>60</b>	<b>60</b>	<b>59</b>	<b>66</b>	<b>52</b>	<b>119</b>	<b>119</b>	<b>118</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>60</b>	<b>60</b>	<b>60</b>	<b>59</b>	<b>66</b>	<b>52</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										118
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.27</b>	<b>2.31</b>	<b>2.32</b>	<b>2.29</b>	<b>2.25</b>	<b>2.25</b>			
<b>Total CO Attainment</b>		<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>28</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>28</b>	<b>29</b>
<b>Level 2</b>	<b>31</b>	<b>34</b>	<b>31</b>	<b>32</b>	<b>33</b>	<b>31</b>
<b>Level 3</b>	<b>60</b>	<b>61</b>	<b>63</b>	<b>61</b>	<b>58</b>	<b>59</b>
<b>Total no. of students participated</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>
<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.31</b>	<b>2.32</b>	<b>2.29</b>	<b>2.25</b>	<b>2.25</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	1	2	3	1	2	3	1	2	3	3	2	1
<b>CO2</b>	2	3		1		1	2	3	1	1	1	2

CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.2</b>	<b>2.4</b>	<b>1.6</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2.6</b>	<b>2.2</b>	<b>1.83</b>	<b>1.6</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.56</b>	<b>2.15</b>	<b>2.34</b>	<b>1.56</b>	<b>1.95</b>	<b>1.76</b>	<b>1.95</b>	<b>2.54</b>	<b>2.15</b>	<b>1.79</b>	<b>1.56</b>	<b>1.95</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :ANC</b>												
<b>Class: BCA III Sem.-VI    A.Y. 2018-19    Course Code:</b>												
<b>Internal Assessment</b>										<b>External Assessment</b>		
Sr. No.		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
		MAX.								10	25	75
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)					
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6					
1	ZF1774	5		5			5	10	25	35		
2	ZF1775		5	5		5		10	25	30		
3	ZF1776		5		5		4	10	24	32		
4	ZF1777	5	4		5			10	24	47		
5	ZF1778	5			5		3	10	23	38		
6	ZF1779	5		5			3	10	23	31		
7	ZF1780		5	5		5		10	25	42		
8	ZF1781		5		5	5		10	25	38		
9	ZF1782	5			5		4	10	24	37		
10	ZF1783		5	5		4		10	24	42		
11	ZF1784		5	5		3		10	23	34		
12	ZF1785	5		5			3	10	23	36		



13	ZF1786	5			5		3	10	23	36
14	ZF1787	5			5		4	10	24	37
15	ZF1788		5		5	3		10	23	26
16	ZF1789		5	5		3		10	23	30
17	ZF1790	5			5	3		10	23	34
18	ZF1791		5		5		5	10	25	45
19	ZF1792		5	5			5	10	25	46
20	ZF1793	5		5		3		10	23	44
21	ZF1794	5			5		4	10	24	45
22	ZF1795	5		5			4	10	24	37
23	ZF1796		5	5			3	10	23	40
24	ZF1797	5		5		5		10	25	30
25	ZF1798	5			5	5		10	25	40
26	ZF1799		5		5		4	10	24	38
27	ZF1800		5	5			4	10	24	43
28	ZF1801		5	5			4	10	24	21
29	ZF1802	5		5		3		10	23	18
30	ZF1803				5	4	5	10	24	30
31	ZF1804	5		5		5		10	25	44
32	ZF1805		5	5			3	10	23	34
33	ZF1806	5		5		4		10	24	35
34	ZF1807	5			5		3	10	23	42
35	ZF1808		5		5		4	10	24	43
36	ZF1809		5	5	4			10	24	41
37	ZF1810	5		5		4		10	24	41
38	ZF1811	5			5	5		10	25	40
39	ZF1812	5			5	3		10	23	35
40	ZF1813		5		5		4	10	24	45
41	ZF1814		5	5			4	10	24	42
42	ZF1815		5	5		3		10	23	41
43	ZF1816	5			5	5		10	25	39
44	ZF1817	5			5		5	10	25	43

45	ZF1818		5	5			5	10	25	46
46	ZF1819		5	5			3	10	23	43
47	ZF1820	5		5		3		10	23	30
48	ZF1821	5			5	5		10	25	43
49	ZF1822	5		5		5		10	25	39
50	ZF1823		5		5		5	10	25	44
51	ZF1824	5		5			5	10	25	36
52	ZF1825	5		5			4	10	24	35
53	ZF1826		5	5		5		10	25	44
54	ZF1827		5		5	4		10	24	35
55	ZF1828		5	5		4		10	24	43
56	ZF1829	5		5			4	10	24	35
57	ZF1830	5			5	5		10	25	48
58	ZF1831		5		5	5		10	25	37
59	ZF1832	5			5		5	10	25	47
60	ZF1833	5		5			4	10	24	39
61	ZF1834		4	5		4		10	24	34
62	ZF1835		5		5	4		10	24	34
63	ZF1836	5			5	5		10	25	35
64	ZF1837	5		5			4	10	24	30
65	ZF1838	5			5		5	10	25	43
66	ZF1839		5		5	4		10	24	31
67	ZF1840		5		5	5		10	25	44
68	ZF1841	5		5			5	10	25	36
69	ZF1842	5		5		4		10	24	45
70	ZF1843		4	5		3		10	23	42
71	ZF1844		5		5		5	10	25	45
72	ZF1845		5		5		4	10	24	37
73	ZF1846	5		5		5		10	25	41
74	ZF1847		4	5			3	10	23	41
75	ZF1848		5		5		3	10	23	30
76	ZF1849	5			5	4		10	24	42

77	ZF1850	5		5		3		10	23	37
78	ZF1851	5		5			5	10	25	40
79	ZF1852		3		5		5	10	25	44
80	ZF1853	5		5		4		10	24	42
81	ZF1854	5		5		5		10	25	31
82	ZF1855		5	5			5	10	25	46
83	ZF1856		5		5		5	10	25	45
84	ZF1857	5	5			3		10	23	19
85	ZF1858	5			5	5		10	25	31
86	ZF1859	5		5		5		10	25	39
87	ZF1860		5	5			5	10	25	43
88	ZF1861	4		5			4	10	24	31
89	ZF1862	5			5	4		10	24	22
88	ZF1863		5			4	5	10	24	33
91	ZF1864		5		5		4	10	24	36
92	ZF1865		5	5		4		10	24	36
93	ZF1866	5		5			5	10	25	43
94	ZF1867	5			5		5	10	25	38
95	ZF1868		4		5		4	10	24	40
96	ZF1869		5	5		4		10	24	45
97	ZF1870	5			5	5		10	25	44
98	ZF1871		5		5	5		10	25	45
99	ZF1872		5	5			4	10	24	41
100	ZF1873		5	5		5		10	25	45
101	ZF1874	5			5		5	10	25	44
102	ZF1875	5			5		5	10	25	47
103	ZF1876		5		5	5		10	25	39
104	ZF1877	5		5		3		10	23	24
105	ZF1878	5		5		4		10	24	38
106	ZF1879	5			5		4	10	24	23
107	ZF1880		5		5		5	10	25	38
108	ZF1881		5	5			4	10	24	38

109	ZF1882	5		5		4		10	24	36
110	ZF1883	5		5		3		10	23	36
111	ZF1884		5		5		5	10	25	36
112	ZF1885		5	5			5	10	25	33
113	ZF1886	5		5		5		10	25	42
114	ZF1887		5	5		5		10	25	35
115	ZF1888		5		5		4	10	24	30
116	ZF1889		5		5	4		10	24	47
117	ZF1890	5		5			4	10	24	34
118	ZF1891	5				5	5	10	25	35
119	ZF1892		5	5		5		10	25	45
<b>No. of Students Attempted</b>		<b>61</b>	<b>59</b>	<b>63</b>	<b>54</b>	<b>60</b>	<b>60</b>	<b>119</b>	<b>119</b>	<b>119</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>61</b>	<b>59</b>	<b>63</b>	<b>54</b>	<b>60</b>	<b>60</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										113
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>94.96</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.29</b>	<b>2.33</b>	<b>2.34</b>	<b>2.31</b>	<b>2.29</b>	<b>2.29</b>			
<b>Total CO Attainment</b>		<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>27</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>27</b>	<b>26</b>
<b>Level 2</b>	<b>31</b>	<b>34</b>	<b>31</b>	<b>32</b>	<b>31</b>	<b>33</b>
<b>Level 3</b>	<b>61</b>	<b>62</b>	<b>64</b>	<b>62</b>	<b>61</b>	<b>60</b>

Total no. of students participated	119	119	119	119	119	119
CO Attainment Level	2.29	2.33	2.34	2.31	2.29	2.29

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	2	3	3	2	3	1	2	3	1	3
CO2	2	2		2		1	2		1	2	1	3
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	1.6	2	2.2	2.2	2.2	1.6	2.4	2.25	2	2	1.4	2.6
PO's Attainment at Course Level	1.56	1.95	2.15	2.15	2.15	1.56	2.34	2.2	1.95	1.95	1.37	2.54

Computation of CO Direct Attainment										
Course :SE										
Class: BCA III Sem.-VI      A.Y. 2018-19      Course Code:										
Internal Assessment										External Assessment
Sr. No.	Test-I (15) (Any three)						Assignment	Total	Marks	
	MAX.						10	25	75	
	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)				

	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF1774	5		5		4		10	24	40
2	ZF1775	5			5	4		10	24	35
3	ZF1776		5		5	4		10	24	37
4	ZF1777		5	5			5	10	25	48
5	ZF1778		5		5		3	10	23	39
6	ZF1779	5			5	3		10	23	30
7	ZF1780	5		5		5		10	25	37
8	ZF1781		5	5			4	10	24	34
9	ZF1782		5		5		4	10	24	25
10	ZF1783	5			5		3	10	23	40
11	ZF1784	5			5	3		10	23	32
12	ZF1785		5	5		4		10	24	37
13	ZF1786	5		5			3	10	23	30
14	ZF1787	5			5		4	10	24	30
15	ZF1788	5			5	3		10	23	9
16	ZF1789		5	5		3		10	23	0
17	ZF1790		5	5		3		10	23	38
18	ZF1791	5		5			5	10	25	46
19	ZF1792		5		5		5	10	25	45
20	ZF1793		5	5		3		10	23	42
21	ZF1794	5		5			4	10	24	49
22	ZF1795	5			5		5	10	25	23
23	ZF1796		5		5	5		10	25	25
24	ZF1797		5	5			4	10	24	30
25	ZF1798	5			5		4	10	24	40
26	ZF1799	5			5		4	10	24	42
27	ZF1800	5		5		5		10	25	41
28	ZF1801		5	5		4		10	24	3
29	ZF1802	5		5			4	10	24	18
30	ZF1803	5			5		3	10	23	30
31	ZF1804		5		5	5		10	25	44

32	ZF1805		5		5	5		10	25	34
33	ZF1806		5	5		4		10	24	38
34	ZF1807	5		5			4	10	24	40
35	ZF1808	5			5		5	10	25	51
36	ZF1809		5		5	5		10	25	33
37	ZF1810		5	5		5		10	25	38
38	ZF1811	5		5			4	10	24	33
39	ZF1812	5			5		4	10	24	30
40	ZF1813	5		5			5	10	25	46
41	ZF1814		5	5		5		10	25	46
42	ZF1815	5		5		5		10	25	39
43	ZF1816	5			5	4		10	24	46
44	ZF1817		5		5		5	10	25	47
45	ZF1818		5	5			4	10	24	54
46	ZF1819		5		5	4		10	24	43
47	ZF1820	5			5	3		10	23	AA
48	ZF1821		5		5		5	10	25	44
49	ZF1822		5	5		5		10	25	47
50	ZF1823	5		5		5		10	25	41
51	ZF1824	5		5			5	10	25	44
52	ZF1825		5		5		4	10	24	35
53	ZF1826	5			5	5		10	25	46
54	ZF1827	5		5		4		10	24	31
55	ZF1828	5		5		4		10	24	36
56	ZF1829		5	5			4	10	24	34
57	ZF1830		5		5		5	10	25	56
58	ZF1831		5		5		5	10	25	39
59	ZF1832	5			5	5		10	25	56
60	ZF1833	5		5		4		10	24	47
61	ZF1834		4	5			4	10	24	44
62	ZF1835		5		5		4	10	24	16
63	ZF1836	5			5	5		10	25	28

64	ZF1837	5		5		4		10	24	30
65	ZF1838		5	5			5	10	25	39
66	ZF1839	5		5		4		10	24	23
67	ZF1840	5			5	5		10	25	54
68	ZF1841	5			5		5	10	25	43
69	ZF1842		5		5		4	10	24	52
70	ZF1843		4	5		3		10	23	48
71	ZF1844	5		5		5		10	25	52
72	ZF1845	5			5	5		10	25	41
73	ZF1846	5			5		5	10	25	54
74	ZF1847		4	5			4	10	24	43
75	ZF1848	5		5		3		10	23	23
76	ZF1849	5			5	5		10	25	53
77	ZF1850		5		5		3	10	23	35
78	ZF1851		5		5		5	10	25	56
79	ZF1852		3	5			5	10	25	41
80	ZF1853	5		5		5		10	25	43
81	ZF1854	5			5	4		10	24	32
82	ZF1855		5		5		5	10	25	57
83	ZF1856		5	5			5	10	25	38
84	ZF1857	5		5		3		10	23	15
85	ZF1858	5			5	3		10	23	10
86	ZF1859		5		5		4	10	24	7
87	ZF1860		5		5	5		10	25	42
88	ZF1861		4	5			5	10	24	28
89	ZF1862	5		5		3		10	23	7
88	ZF1863	5			5	3		10	23	30
91	ZF1864		5		5	3		10	23	30
92	ZF1865		5	5			4	10	24	7
93	ZF1866	5		5			5	10	25	39
94	ZF1867	5			5		4	10	24	38
95	ZF1868	4		5		5		10	25	39



96	ZF1869		5	5			5	10	25	44
97	ZF1870		5		5		5	10	25	42
98	ZF1871	5			5	5		10	25	43
99	ZF1872	5			5		4	10	24	41
100	ZF1873		5	5			4	10	24	44
101	ZF1874	5		5		5		10	25	43
102	ZF1875	5		5		5		10	25	44
103	ZF1876		5		5		5	10	25	43
104	ZF1877		5	5			5	10	25	30
105	ZF1878	5		5		5		10	25	40
106	ZF1879	5			5	3		10	23	35
107	ZF1880		5		5	4		10	24	41
108	ZF1881	108	5		5		3	10	23	36
109	ZF1882		5	5			4	10	24	38
110	ZF1883	5		5			5	10	25	32
111	ZF1884	5			5	5		10	25	40
112	ZF1885		5		5		4	10	24	37
113	ZF1886		5	5			5	10	25	37
114	ZF1887	5		5		5		10	24	35
115	ZF1888		5		5	4		10	24	22
116	ZF1889	5			5		4	10	25	43
117	ZF1890	5		5			4	10	24	30
118	ZF1891		5	5		5		10	25	33
119	ZF1892		5	5		5		10	25	41
<b>No. of Students Attempted</b>		<b>62</b>	<b>57</b>	<b>60</b>	<b>59</b>	<b>60</b>	<b>59</b>	<b>119</b>	<b>11</b>	<b>118</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>62</b>	<b>57</b>	<b>60</b>	<b>59</b>	<b>60</b>	<b>59</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										104
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>88.14</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.2</b>	<b>2.2</b>	<b>2.3</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>			
<b>Total CO Attainment</b>		<b>7</b>	<b>9</b>	<b>3</b>	<b>9</b>	<b>6</b>	<b>5</b>			
<b>Average CO Attainment</b>		<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>			<b>2.93</b>
		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	28	26	25	27	29	29
Level 2	31	32	30	30	30	31
Level 3	60	61	64	62	60	59
Total no. of students participated	119	119	119	119	119	119
CO Attainment Level	2.27	2.29	2.33	2.29	2.26	2.25

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	1	2	1	3	2	1	2	3	1	3
CO2	1	1		1		3	1	2	2	1	3	2
CO3	2	2	3	2	2	2	3	3	3			
CO4	1	3	1	3	3		1			2	3	1
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	1.6	1.6	2	1.8	1.8	2.2	2	2.2	2.2	1.8	2	2.2
PO's Attainment at Course Level	1.56	1.56	1.95	1.76	1.76	2.15	1.95	2.15	2.15	1.76	1.95	2.15

Computation of CO Direct Attainment										
Course :LA										
Class: BCA III Sem.-VI    A.Y. 2018-19    Course Code:										
Internal Assessment										External Assessment
Sr. No.	MAX.	Test-I (15) (Any three)						Assign ment	To tal	Marks
		Q1( 5)	Q2( 5)	Q3( 5)	Q4( 5)	Q5( 5)	Q6( 5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF1774	5		5		5		10	25	37
2	ZF1775	5			5	5		10	25	30
3	ZF1776	5			5		4	10	24	36
4	ZF1777		5		5		4	10	24	46
5	ZF1778		5	5		3		10	23	31
6	ZF1779	5		5			3	10	23	36
7	ZF1780	5			5		5	10	25	45
8	ZF1781		5		5	5		10	25	34
9	ZF1782	5		5		4		10	24	31
10	ZF1783	5		5		4		10	24	35
11	ZF1784		5	5			5	10	25	24
12	ZF1785		5		5		3	10	23	30
13	ZF1786	5		5			3	10	23	31
14	ZF1787		5	5		4		10	24	30
15	ZF1788		5		5	3		10	23	10
16	ZF1789	5			5		3	10	23	8
17	ZF1790	5		5		3		10	23	32
18	ZF1791	5			5	5		10	25	43
19	ZF1792		5		5		5	10	25	44
20	ZF1793		5	5			3	10	23	30
21	ZF1794		5	5		4		10	24	40
22	ZF1795	5		5		5		10	25	30

23	ZF1796		5		5	3		10	23	42
24	ZF1797		5		5		5	10	25	33
25	ZF1798	5			5		5	10	25	37
26	ZF1799		5	5			4	10	24	30
27	ZF1800	5		5		4		10	24	34
28	ZF1801	5			5	5		10	25	13
29	ZF1802	5		5			3	10	23	30
30	ZF1803		5		5	4		10	24	30
31	ZF1804		5		5	5		10	25	39
32	ZF1805		5	5		3		10	23	31
33	ZF1806	5		5			4	10	24	31
34	ZF1807	5			5		3	10	23	45
35	ZF1808		5		5		4	10	24	42
36	ZF1809		5	5		4		10	24	34
37	ZF1810	5		5		4		10	24	36
38	ZF1811	5		5			5	10	25	38
39	ZF1812	5			5		3	10	23	23
40	ZF1813		5		5	4		10	24	39
41	ZF1814	5			5	4		10	24	43
42	ZF1815	5		5			4	10	24	30
43	ZF1816		5	5		5		10	25	30
44	ZF1817		5		5		5	10	25	40
45	ZF1818		5	5			5	10	25	47
46	ZF1819	5		5			3	10	23	36
47	ZF1820	5			5	3		10	23	9
48	ZF1821		5		5	5		10	25	30
49	ZF1822		5	5		5		10	25	39
50	ZF1823	5		5			5	10	25	43
51	ZF1824		5		5		5	10	25	30
52	ZF1825		5	5		4		10	24	31
53	ZF1826	5		5		5		10	25	38
54	ZF1827	5		5			4	10	24	23

55	ZF1828		5		5		4	10	24	10
56	ZF1829		5		5	4		10	24	24
57	ZF1830		5	5		5		10	25	45
58	ZF1831	5		5		5		10	25	30
59	ZF1832		5	5			5	10	25	36
60	ZF1833		5		5	4		10	24	30
61	ZF1834	4			5	4		10	24	30
62	ZF1835	5			5		4	10	24	23
63	ZF1836	5		5			5	10	25	17
64	ZF1837		5	5		4		10	24	30
65	ZF1838		5		5	5		10	25	17
66	ZF1839	5			5		4	10	24	23
67	ZF1840	5		5			5	10	25	47
68	ZF1841		5	5			5	10	25	45
69	ZF1842	5			5	4		10	24	41
70	ZF1843	4		5		3		10	23	41
71	ZF1844		5	5			5	10	25	64
72	ZF1845		5		5		4	10	24	34
73	ZF1846		5		5	5		10	25	53
74	ZF1847	4		5		3		10	23	39
75	ZF1848	5		5			3	10	23	24
76	ZF1849		5	5		4		10	24	43
77	ZF1850		5		5	3		10	23	30
78	ZF1851	5			5		5	10	25	53
79	ZF1852	3		5		5		10	25	34
80	ZF1853		5	5			4	10	24	37
81	ZF1854				5	5	5	10	25	32
82	ZF1855		5		5		5	10	25	48
83	ZF1856	5	5		5			10	25	23
84	ZF1857			5	5	3		10	23	10
85	ZF1858		5	5			5	10	25	10
86	ZF1859	5			5		5	10	25	7

87	ZF1860	5			5	5		10	25	42
88	ZF1861	4		5			4	10	24	28
89	ZF1862		5		5		4	10	24	7
88	ZF1863	5		5			4	10	24	30
91	ZF1864	5			5	4		10	24	30
92	ZF1865		5		5	4		10	24	7
93	ZF1866		5	5		5		10	25	39
94	ZF1867	5		5			5	10	25	38
95	ZF1868	4			5		4	10	24	39
96	ZF1869		5		5	4		10	24	44
97	ZF1870		5	5		5		10	25	43
98	ZF1871		5		5	5		10	25	43
99	ZF1872	5			5		4	10	24	41
100	ZF1873	5		5			5	10	25	38
101	ZF1874		5	5		5		10	25	44
102	ZF1875	5			5		5	10	25	38
103	ZF1876	5			5	5		10	25	38
104	ZF1877	5		5		3		10	23	30
105	ZF1878		5	5			4	10	24	34
106	ZF1879		5		5		4	10	24	5
107	ZF1880	5			5		5	10	25	38
108	ZF1881	5		5		4		10	24	30
109	ZF1882		5	5		4		10	24	34
110	ZF1883		5	5			3	10	23	30
111	ZF1884		5		5		5	10	25	14
112	ZF1885	5			5	4		10	25	20
113	ZF1886	5			5	5		10	25	40
114	ZF1887	5		5		5		10	25	15
115	ZF1888		5	5			4	10	24	8
116	ZF1889		5		5		4	10	24	45
117	ZF1890	5		5		4		10	24	12
118	ZF1891		5	5		5		10	25	30

119	ZF1892	5		5			5	10	25	39
<b>No. of Students Attempted</b>		<b>60</b>	<b>58</b>	<b>62</b>	<b>58</b>	<b>61</b>	<b>58</b>	<b>119</b>	<b>119</b>	<b>119</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>60</b>	<b>58</b>	<b>62</b>	<b>58</b>	<b>61</b>	<b>58</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										93
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>78.15</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.25</b>	<b>2.31</b>	<b>2.31</b>	<b>2.28</b>	<b>2.28</b>	<b>2.32</b>			
<b>Total CO Attainment</b>		<b>2.21</b>	<b>2.21</b>	<b>2.21</b>	<b>2.21</b>	<b>2.21</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.33

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	26	24	22	27	28	23
Level 2	31	34	38	32	30	35
Level 3	60	61	59	60	61	61
Total no. of students participated	119	119	119	119	119	119
CO Attainment Level	2.25	2.31	2.31	2.28	2.28	2.32

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	3	1	1	1	2	3	1	3
CO2	1	1		1		3	1	2	3		3	2

CO3	2	1	1	2		1	3	1		3		
CO4	1	3		2	2		1			2	2	2
CO5			3	1	1	1	3	2	1	1	1	1
CO6		2	2		2	2			3	2	1	1
<b>Average PO Attainment</b>	<b>1.75</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>	<b>1.5</b>	<b>2.25</b>	<b>2.2</b>	<b>1.6</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.36</b>	<b>1.4</b>	<b>1.55</b>	<b>1.4</b>	<b>1.55</b>	<b>1.24</b>	<b>1.4</b>	<b>1.17</b>	<b>1.75</b>	<b>1.71</b>	<b>1.24</b>	<b>1.4</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course :EL4</b>											
<b>Class: BCA III Sem.-VI    A.Y. 2018-19    Course Code:</b>											
<b>Internal Assessment</b>										<b>External Assessment</b>	
Sr. No.	MAX.	Test-I (15) (Any three)						Assign ment	To tal	Marks	
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)				
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
Seat No											
1	ZF1774		5	5			5		10	25	39
2	ZF1775		5			5	5		10	25	33
3	ZF1776	5			5			4	10	24	34
4	ZF1777		5	5				4	10	24	45
5	ZF1778		5	5			3		10	23	41
6	ZF1779	5		5			3		10	23	34
7	ZF1780	5			5			5	10	25	38
8	ZF1781	5		5			5		10	25	33
9	ZF1782		5	5			4		10	24	31
10	ZF1783		5		5		4		10	24	40
11	ZF1784	5			5			3	10	23	22
12	ZF1785	5		5				3	10	23	35
13	ZF1786		5	5				3	10	23	36



14	ZF1787	5		5		4		10	24	34
15	ZF1788	5			5	3		10	23	31
16	ZF1789	5			5		3	10	23	11
17	ZF1790		5	5			3	10	23	34
18	ZF1791		5	5		5		10	25	41
19	ZF1792	5		5		5		10	25	46
20	ZF1793	5			5	3		10	23	34
21	ZF1794		5		5		4	10	24	44
22	ZF1795		5	5			4	10	24	30
23	ZF1796	5		5		3		10	23	40
24	ZF1797		5		5	5		10	25	28
25	ZF1798	5			5	5		10	25	34
26	ZF1799		5	5			4	10	24	40
27	ZF1800		5		5		4	10	24	42
28	ZF1801		5		5	5		10	25	23
29	ZF1802	5			5	3		10	23	32
30	ZF1803	5		5			4	10	24	30
31	ZF1804	5		5			5	10	25	38
32	ZF1805		5	5		3		10	23	30
33	ZF1806		5		5		4	10	24	32
34	ZF1807	5			5		3	10	23	40
35	ZF1808	5		5			4	10	24	44
36	ZF1809		5	5		4		10	24	38
37	ZF1810		5		5	4		10	24	42
38	ZF1811		5		5		5	10	25	30
39	ZF1812	5		5			3	10	23	31
40	ZF1813	5		5		4		10	24	43
41	ZF1814		5		5	4		10	24	35
42	ZF1815		5		5	4		10	24	30
43	ZF1816	5			5		5	10	25	34
44	ZF1817	5		5		5		10	25	36
45	ZF1818		5	5		5		10	25	43

46	ZF1819	5			5	3		10	23	33
47	ZF1820	5		5			3	10	23	1
48	ZF1821		5	5			5	10	25	36
49	ZF1822		5		5		5	10	25	34
50	ZF1823		5		5	5		10	25	40
51	ZF1824	5		5		5		10	25	30
52	ZF1825	5		5			4	10	24	34
53	ZF1826	5			5		5	10	25	36
54	ZF1827		5		5	4		10	24	25
55	ZF1828	5			5		4	10	24	30
56	ZF1829		5	5			4	10	24	22
57	ZF1830		5		5	5		10	25	48
58	ZF1831	5			5	5		10	25	33
59	ZF1832		5	5		5		10	25	43
60	ZF1833	5		5			4	10	24	30
61	ZF1834		4		5		4	10	24	31
62	ZF1835		5		5		4	10	24	21
63	ZF1836	5			5	5		10	25	31
64	ZF1837	5		5		4		10	24	24
65	ZF1838		5	5			5	10	25	30
66	ZF1839		5		5		4	10	24	23
67	ZF1840		5		5	5		10	25	41
68	ZF1841	5		5		5		10	25	35
69	ZF1842	5		5		4		10	24	36
70	ZF1843	4		5			3	10	23	30
71	ZF1844		5		5		5	10	25	46
72	ZF1845	5		5			4	10	24	30
73	ZF1846	5		5		5		10	25	37
74	ZF1847		4		5	3		10	23	30
75	ZF1848		5		5		3	10	23	15
76	ZF1849	5		5			4	10	24	35
77	ZF1850		5	5		3		10	23	30

78	ZF1851		5	5		5		10	25	42
79	ZF1852	3			5		5	10	25	42
80	ZF1853	5			5		4	10	24	36
81	ZF1854	5		5			5	10	25	34
82	ZF1855		5	5		5		10	25	58
83	ZF1856		5	5		5		10	25	46
84	ZF1857		5		5		3	10	23	20
85	ZF1858	5			5	5		10	25	34
86	ZF1859		5		5	5		10	25	48
87	ZF1860		5	5		5		10	25	44
88	ZF1861	4		5			4	10	24	38
89	ZF1862	5			5		4	10	24	22
88	ZF1863	5		5		4		10	24	40
91	ZF1864		5	5		4		10	24	43
92	ZF1865		5	5			4	10	24	40
93	ZF1866	5			5		5	10	25	55
94	ZF1867	5			5	5		10	25	53
95	ZF1868		4		5	4		10	24	45
96	ZF1869	5		5			4	10	24	48
97	ZF1870	5		5		5		10	25	47
98	ZF1871	5			5		5	10	25	51
99	ZF1872		5		5		4	10	24	54
100	ZF1873		5	5			5	10	25	48
101	ZF1874		5	5		5		10	25	44
102	ZF1875	5			5	5		10	25	49
103	ZF1876	5		5		5		10	25	49
104	ZF1877		5	5			3	10	23	38
105	ZF1878		5		5		4	10	24	43
106	ZF1879	5			5	4		10	24	35
107	ZF1880	5		5		5		10	25	50
108	ZF1881		5	5			4	10	24	48
109	ZF1882		5	5		4		10	24	47



CO Attainment Level	2.27	2.32	2.32	2.29	2.27	2.27
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COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	2	2	1	2	1	3	2	3
CO2	2	2		1		1	1				3	
CO3	2		3	2	2	2	3	3	3			1
CO4	1	3	1	3			1			3	2	2
CO5	2		1	2	3	1	2	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	2	2	1.8	2.2	2.25	1.6	1.6	2.5	2	2.25	2	2.2
PO's Attainment at Course Level	1.95	1.95	1.76	2.15	2.2	1.56	1.56	2.44	1.95	2.2	1.95	2.15

Computation of CO Direct Attainment										
Course :ST										
Class: BCA III Sem.-VI      A.Y. 2018-19      Couse Code:										
Internal Assessment										External Assessment
Sr. No.	MAX.	Test-I (15) (Any three)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)			
Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZF1774		5		5	4		10	24	31
2	ZF1775	4	5	5				10	24	33

3	ZF1776	5		5		4		10	24	30
4	ZF1777	5			5		5	10	25	40
5	ZF1778		5	5			4	10	24	41
6	ZF1779	5		5		3		10	23	30
7	ZF1780	5			5	5		10	25	46
8	ZF1781		5		5		4	10	24	25
9	ZF1782				5	5	4	10	24	33
10	ZF1783		5	5	3			10	23	34
11	ZF1784	5			5	4		10	24	19
12	ZF1785	5		5			4	10	24	36
13	ZF1786		5	5		4		10	24	35
14	ZF1787		5	5		4		10	24	33
15	ZF1788	5			5	4		10	24	12
16	ZF1789		5		5		3	10	23	15
17	ZF1790	5		5			5	10	25	34
18	ZF1791		5	5		5		10	25	40
19	ZF1792		5		5		5	10	25	47
20	ZF1793	5		5			3	10	23	38
21	ZF1794	5			5	4		10	24	43
22	ZF1795			5	5	5		10	25	32
23	ZF1796		5	5			5	10	25	8
24	ZF1797	5		5			4	10	24	23
25	ZF1798		5		5		4	10	24	29
26	ZF1799		5	5		4		10	24	26
27	ZF1800	5			5	5		10	25	31
28	ZF1801	5		5			4	10	24	12
29	ZF1802		5		5		4	10	24	19
30	ZF1803		5		5	5		10	25	30
31	ZF1804	5			5		5	10	25	34
32	ZF1805		5	5			3	10	23	30
33	ZF1806	5	5	5				10	25	36
34	ZF1807		5		5	4		10	24	33

35	ZF1808		5	5	4			10	24	40
36	ZF1809	5		5			5	10	25	33
37	ZF1810	5			5		5	10	25	39
38	ZF1811	5			5	4		10	24	35
39	ZF1812		5		5	4		10	24	31
40	ZF1813	5		5		5		10	25	39
41	ZF1814	5		5			5	10	25	26
42	ZF1815	5			5		4	10	24	26
43	ZF1816		5		5		4	10	24	35
44	ZF1817		5	5		5		10	25	43
45	ZF1818	5		5		4		10	24	49
46	ZF1819	5			5		4	10	24	42
47	ZF1820		5		5		3	10	23	AA
48	ZF1821		5		5		5	10	25	36
49	ZF1822		5	5			4	10	24	42
50	ZF1823	5		5		5		10	25	46
51	ZF1824		5	5		5		10	25	25
52	ZF1825		5		5		4	10	24	32
53	ZF1826	5			5		5	10	25	39
54	ZF1827	5		5			4	10	24	30
55	ZF1828		5	5	4			10	24	21
56	ZF1829	5			5		4	10	24	9
57	ZF1830	5		5			5	10	25	45
58	ZF1831	5		5		5		10	25	30
59	ZF1832		5		5	5		10	25	36
60	ZF1833		5		5		4	10	24	30
61	ZF1834		4		5		3	10	23	39
62	ZF1835	5		5			4	10	24	31
63	ZF1836		5	5		4		10	24	35
64	ZF1837		5		5	3		10	23	19
65	ZF1838	5			5	5		10	25	42
66	ZF1839	5		5			4	10	24	21

67	ZF1840	5			5		5	10	25	54
68	ZF1841		5		5	5		10	25	37
69	ZF1842		5	5		5		10	25	47
70	ZF1843	4	3	5				10	23	40
71	ZF1844		5		5		5	10	25	48
72	ZF1845	5		5			5	10	25	30
73	ZF1846	5			5	5		10	25	46
74	ZF1847		4		5		4	10	24	45
75	ZF1848		5		5	3		10	23	2
76	ZF1849		5	5		4		10	24	41
77	ZF1850	5			5		3	10	23	30
78	ZF1851		5		5		5	10	25	46
79	ZF1852		3		5	5		10	25	42
80	ZF1853	5		5		5		10	25	38
81	ZF1854		5	5			5	10	25	32
82	ZF1855		5		5		5	10	25	48
83	ZF1856	5			5	5		10	25	23
84	ZF1857	5		5			4	10	24	10
85	ZF1858		5	5			4	10	24	10
86	ZF1859		5		5		4	10	24	7
87	ZF1860		5		5	5		10	25	42
88	ZF1861	4		5	5			10	25	28
89	ZF1862	5		5		4		10	24	7
88	ZF1863	5			5		4	10	24	30
91	ZF1864		5		5		4	10	24	30
92	ZF1865	5			5	4		10	24	7
93	ZF1866	5		5		5		10	25	37
94	ZF1867		5		5		4	10	24	36
95	ZF1868		4		5		5	10	25	39
96	ZF1869	5		5			4	10	24	41
97	ZF1870			5	5	5		10	25	36
98	ZF1871		5	5		5		10	25	39



99	ZF1872		5		5		4	10	24	44
100	ZF1873	5			5	4		10	24	46
101	ZF1874	5			5		5	10	25	38
102	ZF1875		5	5			5	10	25	47
103	ZF1876		5		5	5		10	25	36
104	ZF1877	5			5		4	10	24	31
105	ZF1878	5		5			4	10	24	34
106	ZF1879		5	5			4	10	24	28
107	ZF1880	5		5		5		10	25	38
108	ZF1881				5	5	4	10	24	36
109	ZF1882		5		5		4	10	24	30
110	ZF1883		5	3	5			10	23	36
111	ZF1884		5	5			5	10	25	26
112	ZF1885	5			5		5	10	25	32
113	ZF1886		5		5		5	10	25	37
114	ZF1887	5		5		5		10	25	30
115	ZF1888		5	5			4	10	24	26
116	ZF1889	5			5	4		10	24	46
117	ZF1890	5			5	4		10	24	30
118	ZF1891		5		5		5	10	25	31
119	ZF1892		5	5	5			10	25	39
<b>No. of Students Attempted</b>		<b>56</b>	<b>62</b>	<b>57</b>	<b>70</b>	<b>49</b>	<b>63</b>	<b>119</b>	<b>11</b>	<b>118</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>56</b>	<b>62</b>	<b>57</b>	<b>70</b>	<b>49</b>	<b>63</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>84.75</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.3</b>	<b>2.34</b>	<b>2.34</b>	<b>2.33</b>	<b>2.29</b>	<b>2.3</b>			
<b>Total CO Attainment</b>		<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.93

Computation of Indirect CO's Attainment

Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	26	22	23	24	26	25
Level 2	31	34	32	32	33	33
Level 3	62	63	64	63	60	61
Total no. of students participated	119	119	119	119	119	119
CO Attainment Level	2.3	2.34	2.34	2.33	2.29	2.3

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	3	1	2	1	2	2	3	1	2	3	2
CO2		1		1		3	1	2	3	1	3	2
CO3	2	2	3	2	2	3	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2			2	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	1.5	2	1.75	2	1.8	2.2	2	2.6	2.2	1.67	2.2	2.2
PO's Attainment at Course Level	1.47	1.95	1.71	1.95	1.76	2.15	1.95	2.54	2.15	1.63	2.15	2.15

Computation of CO Direct Attainment										
Course :WP										
Class: BCA III Sem.-V      A.Y. 2019-20      Couse Code:										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF3839		5	5		3		10	23	30
2	ZF3840		5		5	5		10	20	34
3	ZF3841	5			5	3		10	20	45
4	ZF3842	5			5		3	10	23	30
5	ZF3843	5		5			5	10	25	54
6	ZF3844		5		5		4	10	24	37
7	ZF3845	5			5	5		10	24	53
8	ZF3846	5		5		3		10	23	30
9	ZF3847		5	5			4	10	24	36
10	ZF3848		5		5	4		10	24	51
11	ZF3849		5		5	5		10	25	34
12	ZF3850	5			5		3	10	23	43
13	ZF3851	5		5			4	10	24	30
14	ZF3852		5	5		5		10	25	51
15	ZF3853	5		5			3	10	23	47
16	ZF3854	5			5		4	10	24	34

17	ZF3855	5		5			5	10	2 5	42
18	ZF3856		5	5		5		10	2 5	46
19	ZF3857		5		5	4		10	2 4	53
20	ZF3858	4			4		4	8	2 0	36
21	ZF3859	5		5			3	7	2 0	55
22	ZF3860		5	5		4		10	2 4	46
23	ZF3861		5	5		3		10	2 3	40
24	ZF3862		3		5	3		9	2 0	30
25	ZF3863	5			5		3	10	2 3	32
26	ZF3864		5		5	4		10	2 4	39
27	ZF3865		5	5		3		10	2 3	48
28	ZF3866	3			3		5	9	2 0	49
29	ZF3867	5		5			5	10	2 5	43
30	ZF3868	5		4		3		8	2 0	49
31	ZF3869		5		5	5		10	2 5	47
32	ZF3870	5			5		3	10	2 3	47
33	ZF3871	4		5			3	8	2 0	30
34	ZF3872		4	3			3	10	2 0	43
35	ZF3873		5		5	3		10	2 3	49
36	ZF3874	5			5	4		10	2 4	46
37	ZF3875	5			5		3	10	2 3	53
38	ZF3876	3		4			4	9	2 0	33
39	ZF3877		5	5		3		10	2 3	38
40	ZF3878	4			4		4	8	2 0	36
41	ZF3879		4		4	3		9	2 0	30

42	ZF3880		5	5		4		10	2 4	36
43	ZF3881		5	5			2	8	2 0	32
44	ZF3882	5			5		3	10	2 3	52
45	ZF3883	5		5			3	10	2 3	37
46	ZF3884		4	5		5		10	2 0	58
47	ZF3885		5		4	3		8	2 0	39
48	ZF3886	3			4		4	9	2 0	60
49	ZF3887	4			4	5		7	2 0	51
50	ZF3888	5		4		3		8	2 0	58
51	ZF3889		4	4		5		7	2 0	39
52	ZF3890	5		5			5	10	2 5	49
53	ZF3891	5			5		3	10	2 3	39
54	ZF3892		5		5	4		10	2 4	42
55	ZF3893		5	5		4		10	2 4	42
56	ZF3894	5		4			3	8	2 0	42
57	ZF3895	5		5			3	10	2 3	37
58	ZF3896	4			5		4	7	2 0	43
59	ZF3897		4	4		3		9	2 0	30
60	ZF3898		5	5		3		10	2 5	43
61	ZF3899		4		5	4		10	2 4	53
62	ZF3900	5			5		3	10	2 3	44
63	ZF3901		5		5	3		10	2 3	56
64	ZF3902		4	4		4		8	2 0	31
65	ZF3903	4		4			5	7	2 0	42
66	ZF3904	5			5		4	10	2 4	45

67	ZF3905		5		4	4		7	2 0	49
68	ZF3906	5		5			3	10	2 3	48
69	ZF3907	5			5		5	10	2 5	33
70	ZF3908	4		5			5	9	2 3	33
71	ZF3909		5	5		5		10	2 5	42
72	ZF3910		3		4	5		8	2 0	44
73	ZF3911	5			5		5	8	2 3	39
74	ZF3912	4			5		5	10	2 4	56
75	ZF3913		5	5		3		7	2 0	45
76	ZF3914		5		5	5		10	2 3	39
77	ZF3915		5		5		3	7	2 0	39
78	ZF3916	5		5		5		9	2 4	32
79	ZF3917	3		5		5		10	2 3	35
80	ZF3918	5			5	5		9	2 4	39
81	ZF3919		4		5		5	10	2 4	45
82	ZF3920		4		4		4	8	2 0	37
83	ZF3921	5		5			4	10	2 4	30
84	ZF3922	5			5	5		10	2 5	54
85	ZF3923		5		5	3		10	2 3	37
86	ZF3924	5		5		4		10	2 4	56
87	ZF3925		4	4			3	9	2 0	54
88	ZF3926		4		5	5		10	2 3	39
89	ZF3927		5	5		3		7	2 0	40
90	ZF3928	5		5			3	9	2 4	49
91	ZF3929	5		5			3	7	2 0	30

92	ZF3930		5		5	4		10	2 4	40
93	ZF3931		5		5	5		10	2 5	38
94	ZF3932	5			4		5	10	2 4	53
95	ZF3933	4		5			4	7	2 0	30
96	ZF3934	5			5		3	10	2 3	52
97	ZF3935		5		5	5		9	2 4	49
98	ZF3936		5	5		5		9	2 4	43
99	ZF3937		5	4			4	10	2 3	33
100	ZF3938	5		4			4	7	2 0	39
<b>No. of Students Attempted</b>		<b>52</b>	<b>48</b>	<b>49</b>	<b>51</b>	<b>51</b>	<b>49</b>	<b>100</b>	<b>1 0 0</b>	<b>100</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>52</b>	<b>48</b>	<b>49</b>	<b>51</b>	<b>51</b>	<b>48</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>97 .9 6</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 14</b>	<b>2. 12</b>	<b>2. 16</b>	<b>2. 13</b>	<b>2. 09</b>	<b>2. 13</b>			
<b>Total CO Attainment</b>		<b>2. 91</b>	<b>2. 91</b>	<b>2. 92</b>	<b>2. 91</b>	<b>2. 91</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.92

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>26</b>	<b>28</b>	<b>25</b>	<b>27</b>	<b>30</b>	<b>28</b>
<b>Level 2</b>	<b>34</b>	<b>32</b>	<b>34</b>	<b>33</b>	<b>31</b>	<b>31</b>

<b>Level 3</b>	<b>40</b>	<b>40</b>	<b>41</b>	<b>40</b>	<b>39</b>	<b>41</b>
<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.14</b>	<b>2.12</b>	<b>2.16</b>	<b>2.13</b>	<b>2.09</b>	<b>2.13</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2		1	2	3	3	3	2	1	2	3	2
CO2	1	1	3	1	1	1	1	2	3		1	2
CO3	2	2	2	2	2	2				1		
CO4	1	1					1		2	2	1	2
CO5	2	3	3	1	1	1	3	2	3		2	3
CO6		1	1			3		1	2	1	2	1
<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.6</b>	<b>2</b>	<b>1.5</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2.2</b>	<b>1.5</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.56</b>	<b>1.56</b>	<b>1.95</b>	<b>1.46</b>	<b>1.7</b>	<b>1.95</b>	<b>1.95</b>	<b>1.7</b>	<b>2.14</b>	<b>1.46</b>	<b>1.75</b>	<b>1.95</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :AJ</b>
<b>Class: BCA III Sem.-V      A.Y. 2019-20      Couse Code:</b>



Internal Assessment										External Assessment				
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks				
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)	10	25	75
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6			
1	ZF3839				5	4	5	10	24	33				
2	ZF3840		5		4		4	7	20	68				
3	ZF3841	5			5		3	10	23	47				
4	ZF3842	5	4	5				10	24	31				
5	ZF3843		5		5	5		10	25	54				
6	ZF3844		5		5		4	8	22	49				
7	ZF3845		5	5			5	8	23	64				
8	ZF3846	5		5		3		10	23	41				
9	ZF3847		5		5	3		10	23	39				
10	ZF3848		5	5	3			10	23	30				
11	ZF3849	5			5		3	10	25	41				
12	ZF3850	5			5		3	9	22	24				
13	ZF3851	5			5	3		10	23	40				
14	ZF3852		5	5		5		10	25	54				
15	ZF3853	5			5		3	9	22	32				
16	ZF3854	5		5		4		10	24	52				
17	ZF3855		5	5		5		10	25	45				
18	ZF3856		5	5		5		10	25	50				
19	ZF3857		5		5		5	10	25	32				
20	ZF3858	5			5		5	8	23	45				

21	ZF3859		5	5		3		10	2 3	35
22	ZF3860		5	5			4	10	2 4	39
23	ZF3861	5			5		4	10	2 4	35
24	ZF3862	5		5			5	5	2 0	68
25	ZF3863	5		5		3		10	2 3	39
26	ZF3864		5	5		3		7	2 0	56
27	ZF3865	5			5	3		9	2 2	43
28	ZF3866	5			5		3	7	2 0	30
29	ZF3867		5		5		5	10	2 5	38
30	ZF3868		5	5		5		8	2 3	37
31	ZF3869	5		5			5	10	2 5	47
32	ZF3870		5		5		4	10	2 4	40
33	ZF3871		5		5		5	5	2 0	34
34	ZF3872		5	5		3		10	2 3	30
35	ZF3873	5			4	4		10	2 3	44
36	ZF3874			5	5	4		10	2 4	41
37	ZF3875	5		5			5	10	2 5	62
38	ZF3876		5	5			5	8	2 3	34
39	ZF3877	5			5	3		9	2 2	30
40	ZF3878	5			5		5	5	2 0	32
41	ZF3879		5		5	5		10	2 5	36
42	ZF3880		5	5		4		6	2 0	32
43	ZF3881		5	5			4	6	2 0	42
44	ZF3882	5			5		5	7	2 2	47
45	ZF3883	5			5	4		9	2 3	36

46	ZF3884		4	5		3		7	2 0	40
47	ZF3885		5	5			5	10	2 5	43
48	ZF3886	5		5			5	10	2 5	32
49	ZF3887	5			5		3	7	2 0	66
50	ZF3888	5		5		5		5	2 0	66
51	ZF3889		5		5	3		9	2 2	34
52	ZF3890	5		5		5		10	2 5	48
53	ZF3891	5			5		4	6	2 0	51
54	ZF3892		5		5		5	10	2 5	46
55	ZF3893		5		5	5		10	2 5	51
56	ZF3894	5		5		5		5	2 0	34
57	ZF3895	5			5	5		8	2 3	34
58	ZF3896	5		5			5	7	2 2	50
59	ZF3897		5		5		5	8	2 3	68
60	ZF3898	5			5		3	10	2 3	39
61	ZF3899		4		5	5		10	2 1	62
62	ZF3900		5	5			3	10	2 5	54
63	ZF3901		5		5	3		8	2 1	38
64	ZF3902	5		5		5		9	2 4	30
65	ZF3903	5		5			4	10	2 4	39
66	ZF3904		5		5		3	10	2 3	41
67	ZF3905	5			5	5		5	2 0	56
68	ZF3906	5			5	5		10	2 5	49
69	ZF3907	5		5		55		10	2 5	46
70	ZF3908		4	5			5	10	2 4	38

71	ZF3909		5		5		5	10	2 5	42
72	ZF3910	5		5			5	10	2 5	48
73	ZF3911		5	5		5		7	2 2	30
74	ZF3912		4	5			5	8	2 2	53
75	ZF3913		5		5		3	10	2 3	30
76	ZF3914	5			5	5		9	2 4	38
77	ZF3915	5		5		4		10	2 4	49
78	ZF3916		5	5		5		7	2 2	36
79	ZF3917		5		5		5	9	2 4	44
80	ZF3918	3			5		5	10	2 3	42
81	ZF3919	3			5	5		10	2 3	39
82	ZF3920	4		5		5		10	2 4	44
83	ZF3921		5		5	4		10	2 4	33
84	ZF3922	5			5		4	10	2 4	43
85	ZF3923	5		5			3	10	2 3	41
86	ZF3924		5	5			4	10	2 4	60
87	ZF3925		5	5		3		7	2 0	45
88	ZF3926		4		5	5		6	2 0	60
89	ZF3927	5			5		3	8	2 1	34
90	ZF3928	5		5			3	9	2 2	39
91	ZF3929		5		5	3		10	2 3	36
92	ZF3930		5		5		3	10	2 3	34
93	ZF3931	5			5	5		10	2 5	43
94	ZF3932	5		5		5		8	2 3	58
95	ZF3933	4		5			5	6	2 0	37

96	ZF3934		5		5		5	10	25	45
97	ZF3935	5			5		5	8	23	32
98	ZF3936		5	5		5		7	22	31
99	ZF3937	5	5				4	6	20	30
100	ZF3938	5		5		4		9	23	34
<b>No. of Students Attempted</b>		<b>51</b>	<b>49</b>	<b>47</b>	<b>54</b>	<b>48</b>	<b>51</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>51</b>	<b>49</b>	<b>47</b>	<b>54</b>	<b>48</b>	<b>51</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										99
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>99</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.26</b>	<b>2.15</b>	<b>2.14</b>	<b>2.24</b>	<b>2.16</b>	<b>2.12</b>			
<b>Total CO Attainment</b>		<b>2.93</b>	<b>2.92</b>	<b>2.91</b>	<b>2.92</b>	<b>2.92</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.92

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>24</b>	<b>26</b>	<b>28</b>	<b>25</b>	<b>27</b>	<b>29</b>
<b>Level 2</b>	<b>26</b>	<b>33</b>	<b>30</b>	<b>26</b>	<b>30</b>	<b>30</b>
<b>Level 3</b>	<b>50</b>	<b>41</b>	<b>42</b>	<b>49</b>	<b>43</b>	<b>41</b>



	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	2 5	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF3839	5		5		3		8	2 1	31
2	ZF3840	5			5	4		6	2 0	28
3	ZF3841	3			4		3	8	1 8	64
4	ZF3842		5		5		4	10	2 4	30
5	ZF3843	5		5		5		10	2 5	56
6	ZF3844	5			5		4	10	2 4	37
7	ZF3845		5		5		4	10	2 4	41
8	ZF3846		5	5			3	10	2 3	31
9	ZF3847	5		5		4		10	2 4	44
10	ZF3848		5	5			3	7	2 0	45
11	ZF3849		5		5		4	10	2 4	34
12	ZF3850		5		5	3		10	2 2	23
13	ZF3851	5			5		5	10	2 5	37
14	ZF3852	5		5			5	10	2 5	48
15	ZF3853	5			5		3	8	2 1	31
16	ZF3854		5		5	3		10	2 3	44
17	ZF3855		5	5		5		10	2 5	47
18	ZF3856	5		5			5	10	2 5	41
19	ZF3857		5	5		5		10	2 5	45
20	ZF3858		4		3	3		10	2 0	62
21	ZF3859		5	5		4		10	2 4	45
22	ZF3860	5		5			4	10	2 4	41
23	ZF3861	5			5		3	8	2 1	33

24	ZF3862		5		5		3	7	2 0	32
25	ZF3863	5			5	3		8	2 1	32
26	ZF3864	5		5		3		8	2 1	32
27	ZF3865	5		5			4	10	2 4	38
28	ZF3866		5	5			3	7	2 0	69
29	ZF3867		5		5	3		10	2 3	30
30	ZF3868	5			5		4	10	2 4	36
31	ZF3869	5		5			5	10	2 5	32
32	ZF3870		5	5		5		10	2 5	36
33	ZF3871		5		5	4		10	2 4	62
34	ZF3872		5		5	4		10	2 4	30
35	ZF3873	5			5		4	10	2 4	37
36	ZF3874		5	5			4	10	2 4	41
37	ZF3875	5		5		5		10	2 5	64
38	ZF3876	5			5	4		10	2 4	66
39	ZF3877		5	5		3		9	2 2	30
40	ZF3878		5	5			3	10	2 3	32
41	ZF3879	5		5		4		8	2 2	32
42	ZF3880	5			5	3		10	2 3	69
43	ZF3881	5			5		3	8	2 1	37
44	ZF3882		5		5		3	8	2 1	46
45	ZF3883		5	5			3	10	2 3	39
46	ZF3884		4		5	5		10	2 4	60
47	ZF3885	5			5		4	7	2 1	37
48	ZF3886	5		5			4	10	2 4	32



49	ZF3887		5	5		4		10	2 4	38
50	ZF3888	5		5		3		8	2 1	68
51	ZF3889	5			5		3	9	2 2	54
52	ZF3890	5			5		5	10	2 5	43
53	ZF3891		5		5	5		10	2 5	40
54	ZF3892		5	5		4		10	2 4	37
55	ZF3893	5		5			5	10	2 5	51
56	ZF3894	5			5		3	10	2 3	44
57	ZF3895	5	5				3	10	2 3	41
58	ZF3896		5		5	4		10	2 4	42
59	ZF3897		5	5		3		10	2 1	62
60	ZF3898	5		3			3	10	2 3	33
61	ZF3899		4	3			5	10	2 2	32
62	ZF3900	5			5	4		10	2 4	48
63	ZF3901	5			5		3	9	2 2	39
64	ZF3902		5	5			3	10	2 3	34
65	ZF3903		5	5			3	8	2 1	39
66	ZF3904	5		5		3		9	2 2	30
67	ZF3905	5			5	3		8	2 1	66
68	ZF3906	5		5		5		10	2 5	50
69	ZF3907		5	5			4	10	2 4	35
70	ZF3908		4		5		5	10	2 4	64
71	ZF3909		5	5		4		10	2 4	38
72	ZF3910	5			5	5		10	2 5	40
73	ZF3911	5			5		3	10	2 3	43

74	ZF3912		4		5	4		10	2 3	30
75	ZF3913		5	5		3		10	2 3	58
76	ZF3914		5		5	3		10	2 3	34
77	ZF3915	5			5		4	10	2 4	44
78	ZF3916	5		5			4	10	2 4	64
79	ZF3917	4		5			5	10	2 4	42
80	ZF3918		4		5	5		10	2 4	38
81	ZF3919		4	5		5		10	2 4	64
82	ZF3920	3		5			5	10	2 3	35
83	ZF3921		5		5		5	10	2 5	66
84	ZF3922	5			5	4		10	2 4	48
85	ZF3923		5		5		4	10	2 4	33
86	ZF3924		5	5			4	10	2 4	34
87	ZF3925		4	5			3	10	2 2	45
88	ZF3926	3		5		3		10	2 1	66
89	ZF3927	4			5	3		10	2 2	33
90	ZF3928	5		5			3	10	2 3	40
91	ZF3929		5	5			3	10	2 3	64
92	ZF3930		4		5		3	10	2 2	33
93	ZF3931	3			5	3		10	2 1	51
94	ZF3932	3		3		5		10	2 1	66
95	ZF3933		4	5			5	10	2 4	66
96	ZF3934	5			5		5	10	2 5	41
97	ZF3935	5			5		5	10	2 2	66
98	ZF3936		5		5	5		10	2 3	66

99	ZF3937		3	5		4		10	2 2	36
100	ZF3938	4		5		4		10	2 3	30
<b>No. of Students Attempted</b>		<b>52</b>	<b>49</b>	<b>50</b>	<b>49</b>	<b>47</b>	<b>53</b>	<b>100</b>	<b>1 0 0</b>	<b>100</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>52</b>	<b>49</b>	<b>50</b>	<b>49</b>	<b>47</b>	<b>53</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										99
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>			<b>99</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 27</b>	<b>2. 28</b>	<b>2. 22</b>	<b>2. 21</b>	<b>2. 15</b>	<b>2. 17</b>			
<b>Total CO Attainment</b>		<b>2. 93</b>	<b>2. 93</b>	<b>2. 92</b>	<b>2. 92</b>	<b>2. 92</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>23</b>	<b>20</b>	<b>24</b>	<b>24</b>	<b>26</b>	<b>27</b>
<b>Level 2</b>	<b>27</b>	<b>32</b>	<b>30</b>	<b>31</b>	<b>33</b>	<b>29</b>
<b>Level 3</b>	<b>50</b>	<b>48</b>	<b>46</b>	<b>45</b>	<b>41</b>	<b>44</b>
<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.28</b>	<b>2.22</b>	<b>2.21</b>	<b>2.15</b>	<b>2.17</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	1	1	2		3	1	3		1	3	2	1
CO2	3	2	3	2		2	2	2	2			
CO3		1	1		1		2		3	2	1	2
CO4	2	2		1	2	1	1	2		1	3	
CO5	2			2	3			2	1	2	2	3
CO6		3	2	3		2		3			1	2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>1.5</b>	<b>2</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>1.76</b>	<b>1.95</b>	<b>1.95</b>	<b>2.2</b>	<b>1.47</b>	<b>1.95</b>	<b>2.2</b>	<b>1.71</b>	<b>1.95</b>	<b>1.76</b>	<b>1.95</b>

Computation of CO Direct Attainment											
Course : EL 3											
Class: BCA III Sem.-V      A.Y. 2019-20      Couse Code:											
Internal Assessment										External Assesment	
Sr. No.		Test-I (15) (Any three)						Assig nmen t	T otal	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZF3839	5			5	4		10	24	30	
2	ZF3840		5		5	3		7	20	40	
3	ZF3841		5		5		3	10	23	37	
4	ZF3842		5	5			4	10	24	47	

5	ZF3843	5		5		5		10	2 5	46
6	ZF3844	5			4		3	10	2 2	40
7	ZF3845		5	5			3	10	2 3	53
8	ZF3846		5		5		3	10	2 3	35
9	ZF3847	5			5	3		10	2 3	41
10	ZF3848		5		5	3		10	2 3	53
11	ZF3849		5	5		5		10	2 5	35
12	ZF3850		5		4		3	10	2 2	43
13	ZF3851	5			5	3		10	2 3	30
14	ZF3852	5			5		5	10	2 5	50
15	ZF3853		5	4			3	10	2 2	41
16	ZF3854		5	5		3		10	2 3	36
17	ZF3855	5		5		5		10	2 5	36
18	ZF3856	5			5		5	10	2 5	46
19	ZF3857	5		5			5	10	2 5	37
20	ZF3858		5	4			3	10	2 2	23
21	ZF3859	5			4	3		10	2 2	43
22	ZF3860	5			5		3	10	2 3	44
23	ZF3861		5	5			3	10	2 3	45
24	ZF3862		4		3	3		10	2 0	53
25	ZF3863	5			5		3	10	2 3	34
26	ZF3864		4		3	3		10	2 0	24
27	ZF3865		5	4		3		10	2 2	44
28	ZF3866		4	3		3		10	2 0	43
29	ZF3867	5		5			5	10	2 5	36

30	ZF3868	5			5		3	10	2 3	36
31	ZF3869		5	5		5		10	2 5	43
32	ZF3870		5	5		4		10	2 4	45
33	ZF3871	4		3			3	10	2 0	31
34	ZF3872	5			5		3	10	2 3	43
35	ZF3873	5			5		3	10	2 3	47
36	ZF3874		5	5		4		10	2 4	35
37	ZF3875	5		5			5	10	2 5	58
38	ZF3876	5			5	3		10	2 3	30
39	ZF3877		4		5	3		10	2 2	33
40	ZF3878		5		3		3	10	2 1	32
41	ZF3879		5	5			3	10	2 5	30
42	ZF3880	5			3	3		10	2 1	51
43	ZF3881	5			3		3	10	2 1	34
44	ZF3882	5		4		3		10	2 2	32
45	ZF3883		5	3		4		10	2 2	35
46	ZF3884		4		3	3		10	2 0	41
47	ZF3885	5		5			5	10	2 5	32
48	ZF3886		5	5			5	10	2 5	35
49	ZF3887		5	3		3		10	2 1	47
50	ZF3888		4		3	3		10	2 0	30
51	ZF3889	5			3		3	10	2 1	32
52	ZF3890	5			5		5	10	2 5	49
53	ZF3891	5		3			3	10	2 1	40
54	ZF3892		5	5		5		10	2 5	39

55	ZF3893		5		5	5		10	2 5	41
56	ZF3894	5			3		3	10	2 1	36
57	ZF3895	5		5			3	10	2 3	40
58	ZF3896		5		4	3		10	2 2	38
59	ZF3897	5			5		3	10	2 3	31
60	ZF3898	5			5	3		10	2 3	48
61	ZF3899	4		4		3		10	2 1	45
62	ZF3900		5	5		5		10	2 5	41
63	ZF3901	5		3			3	10	2 1	38
64	ZF3902	5			5		4	10	2 4	30
65	ZF3903		5		5		3	10	2 3	30
66	ZF3904		5	5		3		10	2 3	23
67	ZF3905	4		3			3	10	2 0	30
68	ZF3906	5			5	5		10	2 5	48
69	ZF3907	5			5	5		10	2 5	36
70	ZF3908		4		5		5	10	2 4	30
71	ZF3909	5		5			5	10	2 5	42
72	ZF3910		5	5		5		10	2 5	51
73	ZF3911		5		3	4		10	2 2	38
74	ZF3912		4	3		4		10	2 2	39
75	ZF3913	5			5		3	10	2 3	30
76	ZF3914	5			5		4	10	2 4	40
77	ZF3915		5		5	4		10	2 4	37
78	ZF3916		5	4		3		10	2 2	30
79	ZF3917	3		5		4		10	2 4	40





% of students secured >= Threshold marks	100	100	100	100	100	100			97
Attainment Level	3	3	3	3	3	3			3
Direct CO Attainment	3	3	3	3	3	3			
Indirect CO Attainment Level	2.24	2.21	2.17	2.24	2.15	2.24			
Total CO Attainment	2.92	2.92	2.92	2.92	2.92	2.93			
Average CO Attainment									2.92

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	22	23	26	24	25	23
Level 2	32	33	31	28	35	30
Level 3	46	44	43	48	40	47
Total no. of students participated	100	100	100	100	100	100
CO Attainment Level	2.24	2.21	2.17	2.24	2.15	2.24

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	1	2	1	3	2		3	2	3	2
CO2	3	3	3	2		2	1	3	2			
CO3		1	3		2	2	2		1	3	2	1
CO4	2	2	1	3	2	1	1	2	2	2	1	

CO5	2			1	3			1	1	1	1	1
CO6		3	2		1	1	3	2			2	3
<b>Average PO Attainment</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>2.19</b>	<b>1.95</b>	<b>1.95</b>	<b>1.95</b>	<b>1.75</b>	<b>1.75</b>	<b>1.75</b>	<b>1.95</b>	<b>1.75</b>	<b>1.95</b>	<b>1.75</b>	<b>1.7</b>

Computation of CO Direct Attainment										
Course : ERJ										
Class: BCA III Sem.-V      A.Y. 2019-20      Course Code:										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF3839	5		5		3		10	25	72
2	ZF3840	5		5		4		10	15	60
3	ZF3841		5	5			3	10	16	47
4	ZF3842		5		5		3	10	22	55
5	ZF3843		5		5		3	10	25	73
6	ZF3844	5			5	4		10	23	71
7	ZF3845		5	5			5	10	22	55
8	ZF3846		5	5		3		10	23	68
9	ZF3847	5			5	3		10	23	71
10	ZF3848	5		5			3	10	15	60

11	ZF3849		5	5			3	10	2 5	72
12	ZF3850	5		5		3		10	2 4	63
13	ZF3851	5			5	3		10	2 2	70
14	ZF3852	5		5		3		10	2 5	73
15	ZF3853		5	5			3	10	2 3	70
16	ZF3854		5		5	3		10	2 2	68
17	ZF3855		5		5	3		10	2 4	72
18	ZF3856	5			5		3	10	2 4	72
19	ZF3857		5	5			5	10	2 4	72
20	ZF3858		5		5		5	10	2 4	65
21	ZF3859		5	5		3		10	2 4	70
22	ZF3860	5		5		4		10	2 4	72
23	ZF3861	5			5	4		10	2 4	62
24	ZF3862		5		5		5	10	2 5	73
25	ZF3863		5	5		3		10	2 3	68
26	ZF3864	5		5		3		10	1 5	60
27	ZF3865	5		5			3	10	2 0	22
28	ZF3866	5			5		3	10	1 5	60
29	ZF3867		5		5		4	10	2 4	63
30	ZF3868		5	5		5		10	2 3	70
31	ZF3869		5		5		5	10	2 2	70
32	ZF3870	5			5		3	10	2 2	60
33	ZF3871		5		5	5		10	2 3	68
34	ZF3872		5	5		3		10	1 5	50
35	ZF3873	5		5			4	10	1 5	60

36	ZF3874	5			5		3	10	2 2	62
37	ZF3875	5		5		3		10	2 3	72
38	ZF3876		5	5		5		10	2 3	65
39	ZF3877	5		5			3	10	2 4	70
40	ZF3878	5			5		5	10	2 2	65
41	ZF3879		5		5	4		10	2 2	68
42	ZF3880		5	5		4		10	2 2	55
43	ZF3881		5	5			4	10	1 5	45
44	ZF3882	5		5		5		10	2 0	70
45	ZF3883	5			5	4		10	2 0	65
46	ZF3884	4		5		3		10	2 2	65
47	ZF3885		5	5			4	10	2 5	72
48	ZF3886		5		5		3	10	2 5	72
49	ZF3887	5			5	3		10	1 5	60
50	ZF3888		5		5	5		10	2 0	60
51	ZF3889		5	5		3		10	1 5	43
52	ZF3890		5		5		3	10	2 5	73
53	ZF3891	5			5		4	10	2 4	70
54	ZF3892	5		5			3	10	3 0	73
55	ZF3893	5		5		3		10	2 2	70
56	ZF3894		5	5		5		10	2 3	68
57	ZF3895		5		5		5	10	2 4	70
58	ZF3896	5			5	5		10	2 2	68
59	ZF3897	5		5			5	10	2 5	73
60	ZF3898		5	5			3	10	2 2	68

61	ZF3899	4			5	5		10	2 0	63
62	ZF3900	5	5			3		10	2 4	68
63	ZF3901	5		5		3		10	1 9	68
64	ZF3902		5		5		5	10	2 3	68
65	ZF3903		5		5	5		10	2 4	63
66	ZF3904	5			5	3		10	2 2	72
67	ZF3905		5	5			5	10	1 5	60
68	ZF3906		5	5			3	10	2 5	73
69	ZF3907		5		5		4	10	2 3	70
70	ZF3908	4			5	5		10	2 4	63
71	ZF3909	5		5			5	10	2 5	72
72	ZF3910		5	5			5	10	2 4	74
73	ZF3911		5	5		5		10	2 2	60
74	ZF3912	4			5	5		10	2 2	60
75	ZF3913		5	5			3	10	2 2	71
76	ZF3914		5		5		5	10	2 2	68
77	ZF3915		5	5			3	10	2 5	73
78	ZF3916	5		5		5		10	2 3	72
79	ZF3917	3		5		5		10	2 3	70
80	ZF3918		3		5	5		10	2 4	64
81	ZF3919		3		5		5	10	2 4	65
82	ZF3920	4			5		5	10	2 3	72
83	ZF3921	5		5		4		10	1 9	68
84	ZF3922	5			5	4		10	2 3	71
85	ZF3923		5		5	3		10	2 3	65



<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>26</b>	<b>25</b>	<b>27</b>	<b>30</b>	<b>27</b>	<b>22</b>
<b>Level 2</b>	<b>33</b>	<b>35</b>	<b>34</b>	<b>33</b>	<b>34</b>	<b>32</b>
<b>Level 3</b>	<b>41</b>	<b>40</b>	<b>39</b>	<b>37</b>	<b>39</b>	<b>46</b>
<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.15</b>	<b>2.15</b>	<b>2.12</b>	<b>2.07</b>	<b>2.12</b>	<b>2.24</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
<b>CO1</b>		<b>2</b>		<b>3</b>	<b>1</b>		<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>CO2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>1</b>	<b>1</b>	<b>2</b>			<b>2</b>	<b>1</b>
<b>CO3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>		
<b>CO4</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>		<b>1</b>			<b>2</b>	<b>2</b>	<b>1</b>
<b>CO5</b>	<b>2</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>		<b>3</b>	<b>3</b>
<b>CO6</b>		<b>1</b>	<b>1</b>			<b>3</b>		<b>1</b>	<b>2</b>	<b>2</b>		
<b>Average PO Attainment</b>	<b>1.75</b>	<b>1.6</b>	<b>2.2</b>	<b>2.2</b>	<b>2.25</b>	<b>1.75</b>	<b>2.2</b>	<b>1.4</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>

PO's Attainment at Course Level	1.7	1.56	2.14	2.14	2.19	1.7	2.14	1.36	2.19	1.7	1.95	1.7
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Computation of CO Direct Attainment											
Course : ANC											
Class: BCA III Sem.-VI    A.Y. 2019-20    Course Code:											
Internal Assessment										External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6
1	ZF3839	5		5		4		10	24	58	
2	ZF3840	5			4	3		10	22	71	
3	ZF3841	5			5		3	10	23	64	
4	ZF3842		5		5		3	10	23	62	
5	ZF3843		5	5		5		10	25	69	
6	ZF3844	5		5		4		10	24	68	
7	ZF3845		5		5		4	10	24	69	
8	ZF3846		5		5		4	10	24	73	
9	ZF3847		5	5			5	10	25	73	
10	ZF3848	5		4		3		10	22	66	
11	ZF3849	5		5			5	10	25	49	
12	ZF3850		5		4		3	10	22	41	
13	ZF3851	5		5		3		10	25	36	



14	ZF3852	5		5		5		10	2 5	56
15	ZF3853	5			5	3		10	2 3	68
16	ZF3854		5		4		3	10	2 2	60
17	ZF3855		5	5			5	10	2 5	75
18	ZF3856	5		5		5		10	2 5	47
19	ZF3857	5		5			5	10	2 5	49
20	ZF3858		5		3		4	10	2 2	54
21	ZF3859		5		5		5	10	2 5	75
22	ZF3860		5	5		5		10	2 5	45
23	ZF3861	5		5			5	10	2 5	68
24	ZF3862		5		5		5	10	2 5	69
25	ZF3863		5		5	5		10	2 5	71
26	ZF3864	5			5		5	10	2 2	68
27	ZF3865	5		5			4	10	2 4	66
28	ZF3866		5	3			4	10	2 2	64
29	ZF3867		5	5		4		10	2 4	58
30	ZF3868		5		5	4		10	2 4	66
31	ZF3869	5			5	5		10	2 5	66
32	ZF3870	5		5			4	10	2 4	54
33	ZF3871	5			5	3		10	2 3	53
34	ZF3872		5		5		4	10	2 4	71
35	ZF3873	5			5	5		10	2 5	60
36	ZF3874	5		5		5		10	2 5	54
37	ZF3875		5	5			3	10	2 3	71
38	ZF3876		5		5		4	10	2 4	73

39	ZF3877		5		5	3		10	2 3	58
40	ZF3878	5			5	5		10	2 5	56
41	ZF3879		5	5		4		10	2 4	60
42	ZF3880	5		5			3	10	2 3	62
43	ZF3881		5	5			4	10	2 4	34
44	ZF3882	5			5		4	10	2 4	68
45	ZF3883	5		5		4		10	2 4	62
46	ZF3884	4		5			5	10	2 5	69
47	ZF3885		5	5		5		10	2 5	58
48	ZF3886		5		5	3		10	2 3	75
49	ZF3887	5			4		3	10	2 2	60
50	ZF3888	5		4			5	10	2 2	73
51	ZF3889		5	4		3		10	2 2	47
52	ZF3890		5		5	5		10	2 5	69
53	ZF3891		5		5		5	10	2 5	71
54	ZF3892	5		5			5	10	2 5	66
55	ZF3893		5	5		5		10	2 5	43
56	ZF3894	5		5		5		10	2 5	73
57	ZF3895	5			5	5		10	2 5	64
58	ZF3896		5		5		5	25	2 5	64
59	ZF3897		5	5		5		10	2 5	69
60	ZF3898	5		5		4		10	2 4	73
61	ZF3899	5		5			4	10	2 4	68
62	ZF3900		5	5			5	10	2 5	69
63	ZF3901		5		5		3	10	2 3	68

64	ZF3902		5	5		4		10	2 4	69
65	ZF3903	5			5	4		10	2 4	73
66	ZF3904		5		5		3	10	2 3	62
67	ZF3905		5	3			4	10	2 2	58
68	ZF3906	5		5		5		10	2 5	62
69	ZF3907	5		5		5		10	2 5	49
70	ZF3908	4			5		3	10	2 3	58
71	ZF3909		5		5	5		10	2 5	73
72	ZF3910	5		5		5		10	2 5	71
73	ZF3911	5			5	4		10	2 4	64
74	ZF3912		4		5		3	10	2 2	60
75	ZF3913		5	5		5		10	2 5	73
76	ZF3914	5		5			4	10	2 4	60
77	ZF3915		5	5		5		10	2 5	69
78	ZF3916		5		5	4		10	2 4	75
79	ZF3917		3		5		5	10	2 5	75
80	ZF3918	3		5			5	10	2 5	66
81	ZF3919	4			5	5		10	2 4	66
82	ZF3920		4		5	5		10	2 5	64
83	ZF3921		5	5		3		10	2 3	68
84	ZF3922	5		5			5	10	2 5	69
85	ZF3923	5			5	5		10	2 5	75
86	ZF3924	5			5	3		10	2 3	69
87	ZF3925		5		5		3	10	2 2	66
88	ZF3926		4	5			5	10	2 2	69

89	ZF3927		5		5		4	10	2 4	71
90	ZF3928	5		5		5		10	2 5	53
91	ZF3929	5		5		5		10	2 3	69
92	ZF3930		5	5			3	10	2 3	66
93	ZF3931		5		5		5	10	2 5	60
94	ZF3932	5			4		3	10	2 2	62
95	ZF3933	4		5		4		10	2 4	71
96	ZF3934	5		5		3		10	2 5	75
97	ZF3935		5		4	5		10	2 3	71
98	ZF3936	5			5		3	10	2 3	71
99	ZF3937		5		5		4	10	2 4	71
100	ZF3938		5	5		5		10	2 5	75
<b>No. of Students Attempted</b>		<b>49</b>	<b>51</b>	<b>52</b>	<b>48</b>	<b>51</b>	<b>49</b>	<b>100</b>	<b>1 0 0</b>	<b>100</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>49</b>	<b>51</b>	<b>52</b>	<b>48</b>	<b>51</b>	<b>49</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 23</b>	<b>2. 15</b>	<b>2. 12</b>	<b>2. 19</b>	<b>2. 23</b>	<b>2. 15</b>			
<b>Total CO Attainment</b>		<b>2. 92</b>	<b>2. 92</b>	<b>2. 91</b>	<b>2. 92</b>	<b>2. 92</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.92

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>

<b>Level 1</b>	<b>23</b>	<b>26</b>	<b>28</b>	<b>24</b>	<b>22</b>	<b>27</b>
<b>Level 2</b>	<b>31</b>	<b>33</b>	<b>32</b>	<b>33</b>	<b>33</b>	<b>31</b>
<b>Level 3</b>	<b>46</b>	<b>41</b>	<b>40</b>	<b>43</b>	<b>45</b>	<b>42</b>
<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.23</b>	<b>2.15</b>	<b>2.12</b>	<b>2.19</b>	<b>2.23</b>	<b>2.15</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	3	2	3	2	3		2	2	2	1	2	3
CO2	1			1		3	1		1		3	2
CO3	2	2	3		1	2	3	3	3			
CO4		3	2	2	2		1			2	1	1
CO5	2			3		1		2	1	3		
CO6		1	1		1	2		1	2	2	2	1
<b>Average PO Attainment</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>1.95</b>	<b>2.19</b>	<b>1.95</b>	<b>1.7</b>	<b>1.95</b>	<b>1.7</b>	<b>1.95</b>	<b>1.75</b>	<b>1.95</b>	<b>1.95</b>	<b>1.7</b>

<b>Computation of CO Direct Attainment</b>
<b>Course : SE</b>

Class: BCA III Sem.-VI    A.Y. 2019-20    Couse Code:

Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF3839	5		5		5		10	25	53
2	ZF3840	5			5	3		10	23	53
3	ZF3841		5		4	3		10	22	53
4	ZF3842		5		5		3	10	23	53
5	ZF3843		5	5			5	10	25	39
6	ZF3844	5		5		5		10	25	41
7	ZF3845	5			5		5	9	24	54
8	ZF3846	5		5		4		10	24	30
9	ZF3847		5	5			5	10	25	53
10	ZF3848	5		5			3	10	23	39
11	ZF3849	5			5		5	10	25	36
12	ZF3850		5		5	3		10	23	28
13	ZF3851		5	5		5		10	25	34
14	ZF3852	5			5		5	10	25	53
15	ZF3853		5		5		5	9	24	45
16	ZF3854		5		5	3		10	23	34
17	ZF3855		5	5		5		10	25	49
18	ZF3856	5		5		5		10	25	39
19	ZF3857	5			5		5	10	25	36

20	ZF3858		5		5		5	8	2 3	17
21	ZF3859		5		5	5		10	2 5	49
22	ZF3860	5		5		5		10	2 5	34
23	ZF3861	5			5		5	10	2 5	49
24	ZF3862	5			5	5		10	2 5	53
25	ZF3863		5	5			5	10	2 5	51
26	ZF3864	5		5			3	10	2 3	38
27	ZF3865	5			5		4	10	2 4	54
28	ZF3866		5		5	3		9	2 2	49
29	ZF3867		5		5		4	10	2 4	45
30	ZF3868	5		4			5	10	2 4	47
31	ZF3869		5	5		5		10	2 5	38
32	ZF3870		5	5		3		10	2 5	30
33	ZF3871		4		5	5		10	2 4	39
34	ZF3872	5			5		5	10	2 5	45
35	ZF3873	5		5			5	10	2 5	36
36	ZF3874	5		5		5		10	2 5	49
37	ZF3875		5		5	3		10	2 3	51
38	ZF3876	5			5		5	9	2 4	43
39	ZF3877	5			5		4	10	2 4	39
40	ZF3878		5	5			5	10	2 5	30
41	ZF3879		5		5	4		10	2 4	26
42	ZF3880		5		5	4		8	2 2	30
43	ZF3881	5		5		4		10	2 4	28
44	ZF3882	5		4			5	10	2 4	43

45	ZF3883		5	5			5	10	2 5	45
46	ZF3884		4		5	5		10	2 5	58
47	ZF3885	5			5		5	10	2 5	39
48	ZF3886		5	5			3	9	2 2	47
49	ZF3887		5		5	3		10	2 3	47
50	ZF3888		5		5		5	8	2 3	56
51	ZF3889	5			5	3		9	2 2	28
52	ZF3890	5		5		5		10	2 5	41
53	ZF3891	5		5		5		10	2 5	43
54	ZF3892		5	5			5	10	2 5	36
55	ZF3893		5		5		5	10	2 5	36
56	ZF3894	5		5		5		10	2 5	54
57	ZF3895		5	5			5	10	2 5	53
58	ZF3896	5			5		5	25	2 5	41
59	ZF3897	5			5		5	10	2 5	51
60	ZF3898		5		5	3		10	2 4	45
61	ZF3899		4	5		5		10	2 4	51
62	ZF3900		5	5			5	10	2 5	60
63	ZF3901	5		5		4		10	2 4	32
64	ZF3902	5			4	5		10	2 4	38
65	ZF3903	4		5		5		10	2 4	53
66	ZF3904		5	4			3	10	2 2	49
67	ZF3905		4		4		5	10	2 3	36
68	ZF3906	5			5		5	10	2 5	41
69	ZF3907		5	5		5		10	2 5	30



70	ZF3908	4		5		5		10	2 4	30
71	ZF3909	5			5		5	10	2 5	62
72	ZF3910		5		5	5		10	2 5	39
73	ZF3911		5		4		5	10	2 4	26
74	ZF3912		4	5			5	9	2 3	21
75	ZF3913	5			5		5	10	2 5	34
76	ZF3914	5		4		5		10	2 4	45
77	ZF3915	5		5		5		10	2 5	53
78	ZF3916		5	5			5	9	2 4	30
79	ZF3917		5		5		5	10	2 5	32
80	ZF3918	5			5	5		10	2 5	47
81	ZF3919		5	5			5	10	2 5	30
82	ZF3920	5		5			5	10	2 5	47
83	ZF3921	5			5		4	10	2 4	54
84	ZF3922		5		5	5		10	2 5	39
85	ZF3923		5		5	5		10	2 5	45
86	ZF3924		5	5			3	9	2 2	47
87	ZF3925	5		5			3	10	2 3	21
88	ZF3926	4			5		4	10	2 3	49
89	ZF3927	5		4		5		10	2 4	53
90	ZF3928		5	5		5		10	2 5	30
91	ZF3929		5	5			3	9	2 2	41
92	ZF3930	5			5		5	10	2 5	39
93	ZF3931		5		5	5		10	2 5	47
94	ZF3932		5	5		5		8	2 3	38

95	ZF3933		4	5		5		10	2 4	39
96	ZF3934	5			5		5	10	2 5	54
97	ZF3935	5			5	5		7	2 2	45
98	ZF3936		4		4	4		10	2 2	47
99	ZF3937		5	5			4	10	2 4	47
100	ZF3938	5		5			5	10	2 5	38
<b>No. of Students Attempted</b>		<b>49</b>	<b>51</b>	<b>49</b>	<b>51</b>	<b>48</b>	<b>52</b>	<b>100</b>	<b>1 0 0</b>	<b>100</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>49</b>	<b>51</b>	<b>49</b>	<b>51</b>	<b>48</b>	<b>52</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										97
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>			<b>97</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 17</b>	<b>2. 17</b>	<b>2. 13</b>	<b>2. 23</b>	<b>2. 2</b>	<b>2. 27</b>			
<b>Total CO Attainment</b>		<b>2. 92</b>	<b>2. 92</b>	<b>2. 91</b>	<b>2. 92</b>	<b>2. 92</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.92

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>25</b>	<b>26</b>	<b>28</b>	<b>22</b>	<b>23</b>	<b>21</b>
<b>Level 2</b>	<b>33</b>	<b>31</b>	<b>31</b>	<b>33</b>	<b>34</b>	<b>31</b>
<b>Level 3</b>	<b>42</b>	<b>43</b>	<b>41</b>	<b>45</b>	<b>43</b>	<b>48</b>

<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.17</b>	<b>2.17</b>	<b>2.13</b>	<b>2.23</b>	<b>2.2</b>	<b>2.27</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	2	1	2	3	2	2		2	3	1	3
CO2	1	1		1		3	1	2				2
CO3	2		1	3	1	2		3	3	2		
CO4		2	2	2	2		1			1	1	1
CO5	3		3	1		1	3	2	1	1	3	
CO6		1	1		3	1		1	3	2	2	2
<b>Average PO Attainment</b>	<b>2.25</b>	<b>1.5</b>	<b>1.6</b>	<b>1.8</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>2.19</b>	<b>1.46</b>	<b>1.56</b>	<b>1.75</b>	<b>2.19</b>	<b>1.75</b>	<b>1.7</b>	<b>1.95</b>	<b>2.19</b>	<b>1.75</b>	<b>1.7</b>	<b>1.95</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course : LA</b>										
<b>Class: BCA III Sem.-VI    A.Y. 2019-20    Couse Code:</b>										
<b>Internal Assessment</b>										<b>External Assessment</b>
<b>Sr. No.</b>	<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75

	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF3839		5	5		4		10	2 4	47
2	ZF3840		5		5	4		8	2 2	45
3	ZF3841	5			5	3		10	2 3	47
4	ZF3842	5			5		3	10	2 3	34
5	ZF3843	5		5			5	10	2 5	30
6	ZF3844		5		5		4	10	2 4	41
7	ZF3845	5			5	5		10	2 4	30
8	ZF3846	5		5		4		10	2 4	47
9	ZF3847		5	5			5	10	2 5	53
10	ZF3848		5		5		3	9	2 2	30
11	ZF3849		5	5		5		10	2 5	30
12	ZF3850	5		5		3		9	2 2	17
13	ZF3851		5	5		5		10	2 5	26
14	ZF3852		5		5		5	10	2 5	45
15	ZF3853	5			5	3		10	2 3	32
16	ZF3854	5		4		3		10	2 2	39
17	ZF3855		5	5			5	10	2 5	49
18	ZF3856	5			5		5	10	2 5	30
19	ZF3857	5		5		5		10	2 5	30
20	ZF3858	4		4			4	10	2 2	41
21	ZF3859		5	5			4	10	2 4	38
22	ZF3860		5		5		5	10	2 5	30
23	ZF3861		5		5	4		10	2 4	38
24	ZF3862	5		4		5		10	2 4	34

25	ZF3863		5		5		5	10	2 5	38
26	ZF3864		5		5		3	9	2 2	24
27	ZF3865	5			5	3		10	2 3	30
28	ZF3866	4		5		3		10	2 2	32
29	ZF3867		5	5		3		10	2 3	38
30	ZF3868		5	5			4	10	2 4	30
31	ZF3869		5		5	5		10	2 5	38
32	ZF3870	5			5	4		10	2 5	38
33	ZF3871	5		3			5	10	2 3	41
34	ZF3872	5		5			3	10	2 3	34
35	ZF3873		5		5		5	10	2 5	47
36	ZF3874	5			5	5		10	2 5	30
37	ZF3875	5			5	5		10	2 3	41
38	ZF3876		5	4		5		10	2 4	51
39	ZF3877		5	5			3	10	2 3	30
40	ZF3878	5			5		5	10	2 5	32
41	ZF3879	5		5		3		10	2 3	28
42	ZF3880	5			4		4	10	2 3	30
43	ZF3881		4		5	4		10	2 3	23
44	ZF3882	5			5		5	8	2 3	45
45	ZF3883	5		5			4	9	2 3	32
46	ZF3884		4		5		5	10	2 4	41
47	ZF3885		5	5		5		10	2 5	32
48	ZF3886		5	5			4	10	2 4	43
49	ZF3887	5		5			3	9	2 2	43

50	ZF3888		5		5		4	8	2 2	32
51	ZF3889		5		4	3		10	2 2	24
52	ZF3890	5			5	5		10	2 5	43
53	ZF3891	5		5		5		10	2 5	43
54	ZF3892		5	5			5	10	2 5	45
55	ZF3893		5	5			5	10	2 5	30
56	ZF3894		5		5	5		10	2 5	41
57	ZF3895	5			5		5	10	2 5	41
58	ZF3896	5		5		5		25	2 5	38
59	ZF3897	5		4		5		10	2 4	34
60	ZF3898		5		5	3		10	2 3	36
61	ZF3899	4		5			4	10	2 3	30
62	ZF3900	5		5			5	10	2 5	39
63	ZF3901		5	5		3		10	2 3	36
64	ZF3902		5		4		4	10	2 3	36
65	ZF3903	5			5		4	9	2 3	41
66	ZF3904	5		5		5		8	2 3	34
67	ZF3905	5			5	3		9	2 2	30
68	ZF3906		5		5		5	10	2 5	36
69	ZF3907		5		5		5	10	2 5	34
70	ZF3908		4	5			4	10	2 3	39
71	ZF3909	5		5		5		10	2 5	41
72	ZF3910	5		5		5		10	2 5	49
73	ZF3911		5		4	4		10	2 3	24
74	ZF3912		4	5			5	8	2 2	28

75	ZF3913		5		5	5		10	2 5	51
76	ZF3914	5			5		5	8	2 3	41
77	ZF3915	5			5	5		10	2 5	38
78	ZF3916	5		4		4		10	2 3	51
79	ZF3917		5	5			5	10	2 5	41
80	ZF3918		5		5		5	10	2 5	39
81	ZF3919	4			5	5		10	2 4	38
82	ZF3920		4	5		5		8	2 2	38
83	ZF3921	5		5		4		9	2 3	36
84	ZF3922		5		5		5	10	2 5	45
85	ZF3923	5		5			5	10	2 5	34
86	ZF3924	5			5		3	10	2 3	36
87	ZF3925		5		5	3		9	2 2	26
88	ZF3926		4	5		5		8	2 2	38
89	ZF3927	5		5			4	9	2 3	39
90	ZF3928	5			5		5	10	2 5	45
91	ZF3929		5		5	3		10	2 3	36
92	ZF3930		5	5		5		10	2 5	39
93	ZF3931		5	5		5		10	2 5	47
94	ZF3932	5		5			5	10	2 3	38
95	ZF3933	4			5		5	10	2 4	31
96	ZF3934	5		5			5	10	2 5	45
97	ZF3935		5	3		5		10	2 3	39
98	ZF3936		3		5	5		10	2 3	30
99	ZF3937	5			4	4		10	2 3	39

100	ZF3938	5			5		5	10	25	43
<b>No. of Students Attempted</b>		<b>51</b>	<b>49</b>	<b>50</b>	<b>50</b>	<b>51</b>	<b>49</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>51</b>	<b>49</b>	<b>50</b>	<b>50</b>	<b>51</b>	<b>49</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										95
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>95</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.21</b>	<b>2.24</b>	<b>2.18</b>	<b>2.21</b>	<b>2.12</b>	<b>2.15</b>			
<b>Total CO Attainment</b>		<b>2.92</b>	<b>2.92</b>	<b>2.92</b>	<b>2.92</b>	<b>2.91</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.92

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>23</b>	<b>22</b>	<b>26</b>	<b>24</b>	<b>29</b>	<b>27</b>
<b>Level 2</b>	<b>33</b>	<b>32</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>31</b>
<b>Level 3</b>	<b>44</b>	<b>46</b>	<b>44</b>	<b>45</b>	<b>41</b>	<b>42</b>
<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.21</b>	<b>2.24</b>	<b>2.18</b>	<b>2.21</b>	<b>2.12</b>	<b>2.15</b>



COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL													
CO's	Program Outcomes (PO'S)												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
CO1	3	2	1	2	3		2	1	2	3		1	3
CO2	1	3		3		3	1	1				3	2
CO3		2	3	2	3	2	3	3	3	2			
CO4	1		2		2		1					2	1
CO5	2			1	1	1	2	2	1	1			
CO6		1	2		2	3			2	2		1	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>2</b>		<b>1.75</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.7</b>	<b>1.95</b>	<b>1.95</b>	<b>1.95</b>	<b>2.14</b>	<b>2.19</b>	<b>1.75</b>	<b>1.7</b>	<b>1.95</b>	<b>1.95</b>		<b>1.7</b>	<b>1.95</b>

Computation of CO Direct Attainment											
Course : ST											
Class: BCA III Sem.-VI    A.Y. 2019-20    Couse Code:											
Internal Assessment										External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)				
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	ZF3839	5			5	4		10	24	73	
2	ZF3840	5		5		4		8	22	60	
3	ZF3841	5		5			3	10	23	64	
4	ZF3842		5	5			3	10	23	75	

5	ZF3843		5		5		5	10	2 5	69
6	ZF3844	5			5	4		10	2 4	69
7	ZF3845	5		5		5		10	2 4	66
8	ZF3846		5	5			4	10	2 4	75
9	ZF3847		5		5		5	10	2 5	71
10	ZF3848		5	5		3		9	2 2	68
11	ZF3849	5			5		5	10	2 5	54
12	ZF3850		5		4	3		10	2 2	47
13	ZF3851	5		5		5		10	2 5	53
14	ZF3852		5	5			5	10	2 5	73
15	ZF3853		5		5		3	10	2 3	68
16	ZF3854	5		5		3		9	2 2	71
17	ZF3855	5			5	5		10	2 5	75
18	ZF3856		5		5	5		10	2 5	43
19	ZF3857		5	5			5	10	2 5	60
20	ZF3858		5	4		4		9	2 2	51
21	ZF3859	5		5		5		10	2 5	71
22	ZF3860	5			5		5	10	2 5	58
23	ZF3861	5		5			5	10	2 5	66
24	ZF3862		5		5	5		10	2 5	71
25	ZF3863	5			5	5		10	2 5	69
26	ZF3864	5		5		3		9	2 2	69
27	ZF3865		5	5			4	10	2 4	69
28	ZF3866		5		5		3	9	2 2	73
29	ZF3867	5		5			4	10	2 4	68

30	ZF3868		5	5		4		10	2 4	71
31	ZF3869		5	5			5	10	2 5	69
32	ZF3870		5		5	4		10	2 4	64
33	ZF3871	4			4		5	10	2 3	66
34	ZF3872	5		5			4	10	2 4	68
35	ZF3873	5		5		5		10	2 5	73
36	ZF3874		5		5	5		10	2 5	56
37	ZF3875	5			5	3		10	2 3	71
38	ZF3876	5			4		5	10	2 4	75
39	ZF3877		5	5			3	10	2 3	62
40	ZF3878		5		5		5	10	2 5	69
41	ZF3879	5			5	4		10	2 4	66
42	ZF3880		5	5			4	9	2 3	71
43	ZF3881		5	5			4	10	2 4	68
44	ZF3882		5		4		5	10	2 4	68
45	ZF3883	5		5		4		10	2 4	69
46	ZF3884		4	5		5		10	2 5	68
47	ZF3885	5		5			5	10	2 5	60
48	ZF3886	5			5		3	10	2 3	73
49	ZF3887		5		5	3		9	2 2	71
50	ZF3888		5	5		4		8	2 2	64
51	ZF3889	5		5		3		9	2 2	47
52	ZF3890	5			5		5	10	2 5	71
53	ZF3891	5		5		5		10	2 5	75
54	ZF3892		5		5		5	10	2 5	68

55	ZF3893		5		5		5	10	2 5	53
56	ZF3894		5	4			5	10	2 4	73
57	ZF3895	5		5		5		9	2 4	73
58	ZF3896	5			5	5		25	2 5	69
59	ZF3897		5	5			5	10	2 5	71
60	ZF3898		5		5		3	10	2 5	75
61	ZF3899	4			5	5		10	2 4	69
62	ZF3900		5	5		5		10	2 5	71
63	ZF3901	5		5		3		10	2 3	60
64	ZF3902		5		4		5	10	2 4	69
65	ZF3903		4		5	5		10	2 4	69
66	ZF3904	5			5	4		10	2 4	60
67	ZF3905	4		4		5		9	2 2	69
68	ZF3906		5	5			5	10	2 5	71
69	ZF3907		5		5		5	10	2 5	66
70	ZF3908		4	4			5	10	2 3	69
71	ZF3909	5			5	5		10	2 5	71
72	ZF3910	5			5	5		10	2 5	75
73	ZF3911	5			4		5	10	2 4	53
74	ZF3912		4	5			5	8	2 2	69
75	ZF3913	5		5		5		10	2 5	73
76	ZF3914		5		4		5	10	2 4	62
77	ZF3915		5	5		5		10	2 5	69
78	ZF3916		4	5			5	10	2 4	75
79	ZF3917	5		5		5		10	2 5	71



<b>% of students secured &gt;= Threshold marks</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>100</b>
<b>Attainment Level</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>	<b>2.21</b>	<b>2.23</b>	<b>2.16</b>	<b>2.16</b>	<b>2.13</b>	<b>2.21</b>			
<b>Total CO Attainment</b>	<b>2.92</b>	<b>2.92</b>	<b>2.92</b>	<b>2.92</b>	<b>2.91</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>2.92</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>23</b>	<b>23</b>	<b>25</b>	<b>26</b>	<b>28</b>	<b>22</b>
<b>Level 2</b>	<b>33</b>	<b>31</b>	<b>34</b>	<b>32</b>	<b>31</b>	<b>35</b>
<b>Level 3</b>	<b>44</b>	<b>46</b>	<b>41</b>	<b>42</b>	<b>41</b>	<b>43</b>
<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.21</b>	<b>2.23</b>	<b>2.16</b>	<b>2.16</b>	<b>2.13</b>	<b>2.21</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>			<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>		<b>2</b>	<b>3</b>	<b>1</b>	
<b>CO2</b>	<b>1</b>	<b>1</b>		<b>1</b>		<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>3</b>	<b>2</b>
<b>CO3</b>	<b>2</b>	<b>3</b>	<b>1</b>			<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>CO4</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>		<b>1</b>			<b>2</b>	<b>2</b>	<b>1</b>

CO5	3		3	1	1	1	2	2	1	1		3	3
CO6	1	2	1		3	3		1	2	2		1	1
<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.75</b>	<b>2</b>	<b>1.5</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>1.8</b>	<b>2</b>		<b>2</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>1.56</b>	<b>1.7</b>	<b>1.95</b>	<b>1.46</b>	<b>1.95</b>	<b>1.95</b>	<b>1.75</b>	<b>1.7</b>	<b>1.75</b>	<b>1.75</b>	<b>1.95</b>	<b>1.95</b>	<b>1.7</b>

Computation of CO Direct Attainment										
Course : EL 4										
Class: BCA III Sem.-VI    A.Y. 2019-20    Course Code:										
Internal Assessment										External Assessment
Sr. No.	MAX.	Test-I (15) (Any three)						Assignment	Total	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)			
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF3839		5		5	4		10	24	71
2	ZF3840		5		5		4	8	22	71
3	ZF3841		5	5			4	10	24	71
4	ZF3842	5		5			4	10	24	68
5	ZF3843	5			5	5		10	25	68
6	ZF3844	5			5	4		9	23	69
7	ZF3845		5		4	4		10	23	58
8	ZF3846		4	5			4	10	23	68
9	ZF3847	5		5			5	10	25	60
10	ZF3848		5	5		3		9	22	60

11	ZF3849	5			5	5		10	2 5	51
12	ZF3850		5	5			3	9	2 2	36
13	ZF3851		5		5	5		10	2 5	39
14	ZF3852	5			5		5	10	2 5	64
15	ZF3853	5		5			4	10	2 4	71
16	ZF3854		4	4			4	10	2 2	68
17	ZF3855		5		5	5		10	2 5	71
18	ZF3856		5		5		5	10	2 5	39
19	ZF3857	5			5	5		10	2 5	43
20	ZF3858	5		4		4		9	2 2	30
21	ZF3859	5		5			5	10	2 5	62
22	ZF3860		5	5		5		10	2 5	41
23	ZF3861	5			5	5		10	2 5	62
24	ZF3862		5		4	5		10	2 4	73
25	ZF3863	5		5			5	10	2 5	71
26	ZF3864	4		4			4	10	2 2	60
27	ZF3865		5		5		3	10	2 3	71
28	ZF3866		5		5	3		9	2 2	69
29	ZF3867	5			5	4		9	2 3	60
30	ZF3868	5		5			5	8	2 3	69
31	ZF3869	5			5		5	10	2 5	58
32	ZF3870		5		5	5		10	2 5	53
33	ZF3871		5	5			4	10	2 4	64
34	ZF3872		5	5		3		10	2 3	69
35	ZF3873	5			5	5		10	2 5	71



36	ZF3874	5		5		5		10	2 5	71
37	ZF3875		5	5			4	10	2 4	69
38	ZF3876		4	4			5	10	2 3	71
39	ZF3877	5			5		4	10	2 4	51
40	ZF3878		5		5	5		10	2 5	56
41	ZF3879		5		4	4		10	2 3	56
42	ZF3880		5	5			4	10	2 4	39
43	ZF3881	5		4			4	10	2 3	47
44	ZF3882	5			5	5		10	2 5	53
45	ZF3883	5			5		5	10	2 5	60
46	ZF3884		4		5	5		10	2 5	64
47	ZF3885	5		5			5	10	2 5	41
48	ZF3886	5			5		3	10	2 3	68
49	ZF3887		5		4	3		10	2 2	69
50	ZF3888		5	4		4		9	2 2	71
51	ZF3889		5	5			4	8	2 2	26
52	ZF3890	5		5			5	10	2 5	68
53	ZF3891	5			5		5	10	2 5	73
54	ZF3892	5			5	5		10	2 5	66
55	ZF3893		5		5	5		10	2 5	30
56	ZF3894		5	5		5		9	2 4	69
57	ZF3895	5		4			5	10	2 4	71
58	ZF3896		5		5	5		25	2 5	64
59	ZF3897	4			4		5	10	2 3	69
60	ZF3898	5		5			4	10	2 4	68

61	ZF3899	4			5	4		10	2 3	68
62	ZF3900		5	5		5		10	2 5	73
63	ZF3901		5		5		5	10	2 4	49
64	ZF3902	5			5		5	8	2 3	64
65	ZF3903		5	4			4	10	2 3	69
66	ZF3904		5	5		4		10	2 4	32
67	ZF3905		4	4		5		9	2 2	69
68	ZF3906	5			5	5		10	2 5	62
69	ZF3907	5			5		5	10	2 5	49
70	ZF3908		4		5		4	10	2 3	71
71	ZF3909		5	5		5		10	2 5	71
72	ZF3910	5		5			5	10	2 5	66
73	ZF3911		5		5	5		8	2 3	38
74	ZF3912		4	5		4		9	2 2	41
75	ZF3913	5			5	3		10	2 3	66
76	ZF3914	5			4		5	10	2 4	58
77	ZF3915	5		5			5	10	2 5	71
78	ZF3916		4	4		5		10	2 3	71
79	ZF3917	3		5		5		10	2 5	71
80	ZF3918	3			5	5		10	2 5	68
81	ZF3919		3		5		5	10	2 3	64
82	ZF3920		5		5		5	10	2 5	66
83	ZF3921		5	5		4		10	2 4	71
84	ZF3922	5		5		5		10	2 5	68
85	ZF3923	5			5	3		10	2 5	66



<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>23</b>	<b>22</b>	<b>24</b>	<b>24</b>	<b>28</b>	<b>25</b>
<b>Level 2</b>	<b>35</b>	<b>34</b>	<b>33</b>	<b>31</b>	<b>32</b>	<b>29</b>
<b>Level 3</b>	<b>42</b>	<b>44</b>	<b>43</b>	<b>45</b>	<b>40</b>	<b>46</b>
<b>Total no. of students participated</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CO Attainment Level</b>	<b>2.19</b>	<b>2.22</b>	<b>2.19</b>	<b>2.21</b>	<b>2.12</b>	<b>2.21</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2	2	1	2	1		1	3	2	3	1	3
CO2		1		1		2		2	3		3	
CO3	2	3	3	2	2	3	3	3	1	1		3
CO4	1	1	2	1	2		1			2	2	1
CO5	2		3		1	1	3	2	1	1		2
CO6		1	2	3	3	3		1	2	2	2	
<b>Average PO Attainment</b>	<b>1.75</b>	<b>1.6</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2.25</b>

<b>PO's Attainment at Course Level</b>	<b>1.7</b>	<b>1.5 6</b>	<b>2.1 4</b>	<b>1.7 5</b>	<b>1.7 5</b>	<b>2.1 9</b>	<b>1.9 5</b>	<b>2.1 4</b>	<b>1.7 5</b>	<b>1.75</b>	<b>1.95</b>	<b>2.19</b>
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Computation of CO Direct Attainment										
Course : Windows Programming										
Class: BCA III Sem.-V      A.Y. 2020-21      Couse Code:										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF26034	5		5		5		10	25	68
2	ZF26035	5		5	4			10	24	71
3	ZF26036		5				5	9	24	58
4	ZF26037		5	4	5			10	24	64
5	ZF26038		4	5			5	10	24	70
6	ZF26039				5	5	5	9	24	51
7	ZF26040	5				5	4	10	24	43
8	ZF26041	4		5	5			10	24	38
9	ZF26042	5		5			5	10	25	73
10	ZF26043		5			5	5	10	25	58
11	ZF26044		5	5			5	10	25	62
12	ZF26045	5		5			5	10	25	73
13	ZF26046	5			5	4		10	24	68
14	ZF26047		5		5	4		10	24	68
15	ZF26048		5		5	4		10	24	55
16	ZF26049		5	4	5			10	24	36

17	ZF26050	5		4		5		10	2 4	58
18	ZF26051	5		5			5	10	2 5	62
19	ZF26052	5	4		5			10	2 4	73
20	ZF26053		5			5	5	10	2 5	53
21	ZF26054		4		5	5		10	2 4	62
22	ZF26055			5		5	5	10	2 5	47
23	ZF26056			5		5	5	10	2 5	60
24	ZF26057	5	4		5			10	2 4	66
25	ZF26058	5	4		5			10	2 4	51
26	ZF26059		4		5	5		10	2 4	60
27	ZF26060			4		5	5	10	2 4	68
28	ZF26061	5		4			5	10	2 4	64
29	ZF26062		5		5	4		10	2 4	47
30	ZF26063	5		5			5	10	2 5	30
31	ZF26064	5			5	5		10	2 5	55
32	ZF26065		5			5	5	10	2 5	49
33	ZF26066		5			5	5	10	2 5	62
34	ZF26067		5	5	5			10	2 5	66
35	ZF26068	5		5	5			10	2 5	60
36	ZF26069	5		5			5	10	2 5	53
37	ZF26070	5	5				5	10	2 5	47
38	ZF26071		5	5		4		10	2 4	41
39	ZF26072	5			5	4		10	2 4	43
40	ZF26073		5		5	4		10	2 4	70
41	ZF26074	5		5			5	10	2 5	70

42	ZF26075	5	5	5				10	2 5	54
43	ZF26076				5	4	5	10	2 4	53
44	ZF26077				5	4	5	10	2 4	60
45	ZF26078	5	5	5				10	2 5	60
46	ZF26079		5			4	5	10	2 4	36
47	ZF26080	5	5	5				10	2 5	70
48	ZF26081	5		5	5			10	2 5	55
49	ZF26082				5	4	5	10	2 4	62
50	ZF26083	5		5	5			10	2 5	53
51	ZF26084		5	5			5	10	2 5	55
52	ZF26085		5	5			5	10	2 5	71
53	ZF26086	5		5			5	10	2 5	58
54	ZF26087	5		5	5			10	2 5	32
55	ZF26088				5	4	5	10	2 4	51
56	ZF26089				5	4	5	10	2 4	62
57	ZF26090	5	5	5				10	2 5	49
58	ZF26091		5			4	5	10	2 4	66
59	ZF26092	5		5	5			10	2 5	70
60	ZF26093				5	4	5	10	2 4	62
61	ZF26094	5		5	5			10	2 5	58
62	ZF26095		5			4	5	10	2 4	64
63	ZF26096	5	5	5				10	2 5	68
64	ZF26097		5			4	5	10	2 4	66
65	ZF26098	5		5			4	10	2 4	66
66	ZF26099	5		5			4	10	2 4	66



67	ZF26100	5			5	5		10	2 5	60
68	ZF26101		5		5	5		10	2 5	51
69	ZF26102		5	5			4	10	2 4	49
70	ZF26103		5	5			4	10	2 4	66
71	ZF26104		5	5			4	10	2 4	45
72	ZF26105	5		5		4		10	2 4	49
73	ZF26106	5			5	5		10	2 5	71
74	ZF26107	5		5			4	10	2 4	70
75	ZF26108		5	5	5	5	5	10	2 5	68
76	ZF26109	4	5	5				10	2 4	66
77	ZF26110		5	5	5	5	5	10	2 5	68
78	ZF26111	5		5	5	5	5	10	2 5	66
79	ZF26112	5		5			4	10	2 4	49
80	ZF26113		5		4	5		10	2 4	70
81	ZF26114		5			5	4	10	2 4	64
82	ZF26115	5		5			4	10	2 4	62
83	ZF26116		5		5	5		9	2 4	60
84	ZF26117		5	5	5	5	5	10	2 5	53
85	ZF26118	5			5	5		9	2 4	36
86	ZF26119	5	5	5		5	5	10	2 5	71
87	ZF26120	5			5	5		9	2 4	34
88	ZF26121	5			5	5		9	2 4	66
89	ZF26122			5		5	5	10	2 5	64
90	ZF26123			5		5	5	10	2 5	53
91	ZF26124	5			5	5		9	2 4	56

92	ZF26125	5			5		5	10	2 5	70
93	ZF26126		5		5	5		9	2 4	71
94	ZF26127		5		5	5		9	2 4	62
95	ZF26128		5		5	5		9	2 4	71
96	ZF26129		5		5	5		9	2 4	56
97	ZF26130	5			5	5		10	2 5	58
98	ZF26131	5			5	5		9	2 4	43
99	ZF26132	5	5	5	5		5	10	2 5	71
100	ZF26133	5	5		5			9	2 4	68
101	ZF26134		5	4			5	10	2 4	68
102	ZF26135	5	5	5	5		5	10	2 5	62
103	ZF26136			4		5	5	10	2 4	54
104	ZF26137	5		5	5	5	5	10	2 5	41
105	ZF26138	5		5		5		10	2 5	68
106	ZF26139			4		5	5	10	2 4	51
107	ZF26140		4			5	5	10	2 4	66
108	ZF26141		4			5	5	10	2 4	64
109	ZF26142		4		5		5	10	2 4	47
110	ZF26143		4		5		5	10	2 4	53
111	ZF26144	5		5	5			10	2 5	66
112	ZF26145	5		5	5			10	2 5	58
113	ZF26146	5		5	5			10	2 5	68
114	ZF26147	5		5	5			10	2 5	71
115	ZF26148			4		5	5	10	2 4	64
116	ZF26149		4			5	5	10	2 4	62

117	ZF26150		4			5	5	10	2 4	64
118	ZF26151		4		5		5	10	2 4	58
119	ZF26152		4		5		5	10	2 4	68
120	ZF26153		4		5		5	10	2 4	58
121	ZF26154		4		5		5	10	2 4	32
122	ZF26155	5		5		5		10	2 5	70
123	ZF26156			4		5	5	10	2 4	43
124	ZF26157	5		5		5		10	2 5	51
125	ZF26158			5	5		5	10	2 5	56
126	ZF26159			5	5		5	10	2 5	58
127	ZF26160	5	5			4		10	2 4	47
128	ZF26161		5	5	5			10	2 5	71
129	ZF26162	5	5			4		10	2 4	36
130	ZF26163		5	5	5			10	2 5	60
131	ZF26164	5				4	5	10	2 4	58
132	ZF26165			5	5		5	10	2 5	71
133	ZF26166	5				4	5	10	2 4	71
134	ZF26167	5				4	5	10	2 4	62
135	ZF26168	5				4	5	10	2 4	53
136	ZF26169			5	5		5	10	2 5	64
137	ZF26170	5			5	5		10	2 5	60
138	ZF26171	5			5	5		10	2 5	71
139	ZF26172		5		5	5		10	2 5	64
140	ZF26173		5			4	5	10	2 4	71
141	ZF26174		5		5	5		10	2 5	62

142	ZF26175	5				4	5	10	2 4	30
143	ZF26176	5	5		5			10	2 5	68
144	ZF26177		4			5	5	10	2 4	71
145	ZF26178	4		4	4			8	2 0	39
146	ZF26179	5				4	5	10	2 4	49
<b>No. of Students Attempted</b>		<b>72</b>	<b>71</b>	<b>73</b>	<b>76</b>	<b>81</b>	<b>80</b>	<b>146</b>	<b>1 4 6</b>	<b>146</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>50</b>	<b>47</b>	<b>50</b>	<b>55</b>	<b>57</b>	<b>57</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>69. 44</b>	<b>66. 2</b>	<b>68. 49</b>	<b>72. 37</b>	<b>70. 37</b>	<b>71. 25</b>			<b>68.49</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.2 7</b>	<b>2.2 8</b>	<b>2.3 1</b>	<b>2.2 7</b>	<b>2.3 4</b>	<b>2.3 6</b>			
<b>Total CO Attainment</b>		<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.9 3</b>			
<b>Average CO Attainment</b>										2.18

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>32</b>	<b>29</b>	<b>27</b>
<b>Level 2</b>	<b>46</b>	<b>43</b>	<b>41</b>	<b>42</b>	<b>39</b>	<b>40</b>
<b>Level 3</b>	<b>70</b>	<b>72</b>	<b>75</b>	<b>72</b>	<b>78</b>	<b>79</b>

<b>Total no. of students participated</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>
<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.28</b>	<b>2.31</b>	<b>2.27</b>	<b>2.34</b>	<b>2.36</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2		2	2	1	2	2	3	1	2	3	
CO2		3		1			1	2	3	1	3	2
CO3	2	2	3		2	3		2	1		1	
CO4	1	3	1	1	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>2.25</b>	<b>2</b>	<b>1.5</b>	<b>1.5</b>	<b>2</b>	<b>1.75</b>	<b>2.4</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>1.27</b>	<b>1.64</b>	<b>1.45</b>	<b>1.09</b>	<b>1.09</b>	<b>1.45</b>	<b>1.27</b>	<b>1.74</b>	<b>1.31</b>	<b>1.16</b>	<b>1.6</b>	<b>1.64</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course : Advance Java</b>	
<b>Class: BCA III Sem.-V      A.Y.2020-21      Couse Code:</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr. No.		Test-I (15) (Any three)						Assign ment	T ot al	Marks				
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)	10	2 5	75
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6			
1	ZF26034		5	5			5	10	2 5	62				
2	ZF26035		5		4	5		10	2 4	62				
3	ZF26036		5		4	5		10	2 4	43				
4	ZF26037	5		5			5	10	2 5	68				
5	ZF26038	5			4	5		10	2 4	66				
6	ZF26039	5			5	4		10	2 4	49				
7	ZF26040		5	5		4		10	2 4	43				
8	ZF26041		5		5	4		10	2 4	45				
9	ZF26042		5	5			5	10	2 5	71				
10	ZF26043	5		5			5	10	2 5	60				
11	ZF26044	5		5			5	9	2 4	62				
12	ZF26045			5		5	5	10	2 5	66				
13	ZF26046		5			5	5	10	2 5	58				
14	ZF26047		5			5	5	9	2 4	71				
15	ZF26048	5		5			5	9	2 4	51				
16	ZF26049	5		5			5	9	2 4	47				
17	ZF26050		5			5	4	10	2 4	70				
18	ZF26051		5	5	5			10	2 5	64				
19	ZF26052		5	5	5			10	2 5	70				
20	ZF26053	5		5	5			10	2 5	55				
21	ZF26054	5				5	4	10	2 4	60				
22	ZF26055	5				5	4	10	2 4	60				

23	ZF26056		5	5	5			10	2 5	54
24	ZF26057		5		5	5		10	2 5	60
25	ZF26058	5		5	5			10	2 5	55
26	ZF26059	5		5			5	10	2 5	62
27	ZF26060	5		5	5			10	2 5	70
28	ZF26061		5			5	4	10	2 4	62
29	ZF26062		5	5	5			10	2 5	51
30	ZF26063		5			5	4	10	2 4	53
31	ZF26064		5			4	5	10	2 4	55
32	ZF26065	5				4	5	10	2 4	56
33	ZF26066	5		5	5			10	2 5	64
34	ZF26067	5				4	5	10	2 4	62
35	ZF26068		5	5	5			10	2 5	58
36	ZF26069		5	5	5			10	2 5	58
37	ZF26070	5				4	5	10	2 4	64
38	ZF26071	5				4	5	10	2 4	45
39	ZF26072		5			4	5	10	2 4	41
40	ZF26073		5	5	5			10	2 5	68
41	ZF26074				5	5	5	10	2 5	68
42	ZF26075				5	5	5	10	2 5	58
43	ZF26076		5			5	5	10	2 5	49
44	ZF26077		5	5	5		5	10	2 4	64
45	ZF26078	5			5		5	10	2 5	60
46	ZF26079	5			5		5	10	2 5	39
47	ZF26080		5	5	5	5		10	2 4	58

48	ZF26081		5	5	5	5		10	2 4	62
49	ZF26082		5	5	5	5		10	2 4	62
50	ZF26083	5	5				5	10	2 5	53
51	ZF26084	5	5				5	10	2 5	55
52	ZF26085	5	5				5	10	2 5	71
53	ZF26086				5	5	5	10	2 5	68
54	ZF26087	4			5		5	10	2 4	43
55	ZF26088	4			5		5	10	2 4	51
56	ZF26089				5	5	5	10	2 5	60
57	ZF26090	4	5		5			10	2 4	54
58	ZF26091	4	5		5			10	2 4	66
59	ZF26092	4	5		5			10	2 4	51
60	ZF26093	4	5		5			10	2 4	66
61	ZF26094	4	5		5			10	2 4	58
62	ZF26095				5	5	5	10	2 5	64
63	ZF26096	4			5		5	10	2 4	68
64	ZF26097			5		5	5	9	2 4	64
65	ZF26098		5			5	5	9	2 4	66
66	ZF26099		5			5	5	9	2 4	66
67	ZF26100	5	5				5	9	2 4	66
68	ZF26101	5	5				5	9	2 4	56
69	ZF26102	5		5			5	9	2 4	49
70	ZF26103				5	5	5	10	2 5	66
71	ZF26104	5	5	5				10	2 5	49
72	ZF26105	5	5	5				10	2 5	53



73	ZF26106		5	5	5			10	2 5	58
74	ZF26107		5	5	5			10	2 5	58
75	ZF26108		5	5	5			9	2 4	64
76	ZF26109			5	5		5	9	2 4	62
77	ZF26110	5	5				5	9	2 4	64
78	ZF26111		5		5		4	10	2 4	64
79	ZF26112		5		5		4	10	2 4	66
80	ZF26113	5	5				4	10	2 4	68
81	ZF26114			5	4	5		10	2 4	70
82	ZF26115			5	4	5		10	2 4	64
83	ZF26116	5		5			5	10	2 5	60
84	ZF26117		5		4	5		10	2 4	49
85	ZF26118		5		4	5		10	2 4	41
86	ZF26119	5	5			5	5	10	2 5	70
87	ZF26120		5		4	5		10	2 4	62
88	ZF26121		5		4		5	10	2 4	64
89	ZF26122	5	5				5	10	2 5	64
90	ZF26123			5	4		5	10	2 4	55
91	ZF26124	5		5			5	10	2 5	53
92	ZF26125	5		5			5	10	2 5	70
93	ZF26126		5		4		5	10	2 4	66
94	ZF26127	5	5			5		10	2 5	47
95	ZF26128		5		4	5		10	2 4	68
96	ZF26129		5		4	5		10	2 4	60
97	ZF26130	5	5			5	5	10	2 5	60

98	ZF26131	5	5				5	10	2 5	60
99	ZF26132		5		5	4		10	2 4	62
100	ZF26133			5	5	4		10	2 4	64
101	ZF26134	5		5			5	10	2 5	62
102	ZF26135	5		5			5	10	2 5	71
103	ZF26136	5	5				5	10	2 5	32
104	ZF26137		5		5	4		10	2 4	43
105	ZF26138		5		5	4		10	2 4	60
106	ZF26139		5		5	4		10	2 4	60
107	ZF26140			5	5	4		10	2 4	62
108	ZF26141	5		5			5	10	2 5	68
109	ZF26142			5	5	4		10	2 4	56
110	ZF26143	4			5		5	10	2 4	58
111	ZF26144	4			5		5	10	2 4	62
112	ZF26145	5	5	5				10	2 5	64
113	ZF26146	4	5		5			10	2 4	64
114	ZF26147	5	5	5				10	2 5	68
115	ZF26148	4			5		5	10	2 4	58
116	ZF26149	4			5		5	10	2 4	51
117	ZF26150		4		5		5	10	2 4	60
118	ZF26151		4		5		5	10	2 4	58
119	ZF26152		5	5			5	10	2 5	64
120	ZF26153		4		5		5	10	2 4	60
121	ZF26154		4	5	5			10	2 4	30
122	ZF26155	5		4	5			10	2 4	64

123	ZF26156	5	5			5		10	2 5	53
124	ZF26157	5	5				4	10	2 4	58
125	ZF26158	5	5				4	10	2 4	56
126	ZF26159	5			5	5		10	2 5	60
127	ZF26160		5		5	5		10	2 5	56
128	ZF26161		5	5		5		10	2 5	60
129	ZF26162		5	5			4	10	2 4	43
130	ZF26163		5		5	5		10	2 5	60
131	ZF26164	5			5	5		10	2 5	56
132	ZF26165	5			5	5		10	2 5	70
133	ZF26166	5		5		5		10	2 5	71
134	ZF26167	5		5			4	10	2 4	58
135	ZF26168		5	5		5		10	2 5	49
136	ZF26169		5	5			5	10	2 5	53
137	ZF26170		5	5			4	10	2 4	64
138	ZF26171		5	5			5	10	2 5	68
139	ZF26172		5		5		5	10	2 5	66
140	ZF26173	5		5			4	10	2 4	68
141	ZF26174	5		5			5	10	2 5	60
142	ZF26175	5		5			5	10	2 5	60
143	ZF26176		5		5		5	10	2 5	60
144	ZF26177		5		5		5	10	2 5	64
145	ZF26178				3	4	5	10	2 2	54
146	ZF26179			5		5	5	9	2 4	43
<b>No. of Students Attempted</b>		<b>69</b>	<b>86</b>	<b>62</b>	<b>79</b>	<b>62</b>	<b>86</b>	<b>146</b>	<b>1 4 6</b>	<b>146</b>

In Internal Assessment No. of Students Secured > = Threshold marks (60%=3Marks)	49	63	40	57	38	58			
In External Assessment No. of Students Secured > =Threshold marks (50%=25 Marks)									100
% of students secured >= Threshold marks	71.01	73.26	64.52	72.15	61.29	67.44			68.49
Attainment Level	2	2	2	2	2	2			2
Direct CO Attainment	2	2	2	2	2	2			
Indirect CO Attainment Level	2.27	2.27	2.3	2.27	2.32	2.34			
Total CO Attainment	2.03	2.03	2.03	2.03	2.03	2.93			
Average CO Attainment									2.18

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	31	32	31	33	30	28
Level 2	45	43	40	41	39	40
Level 3	70	71	75	72	77	78
Total no. of students participated	146	146	146	146	146	146
CO Attainment Level	2.27	2.27	2.3	2.27	2.32	2.34

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL	
CO's	Program Outcomes (PO'S)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3		2	1	2	3	2	1	1	2	3	
CO2		3		1			1	2	3	1	3	2
CO3	2	2	3		2	3		2	1		2	
CO4	1	3	1	1	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>1.25</b>	<b>1.75</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>1.6</b>	<b>2.4</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>1.45</b>	<b>1.64</b>	<b>1.45</b>	<b>0.91</b>	<b>1.27</b>	<b>1.64</b>	<b>1.27</b>	<b>1.45</b>	<b>1.31</b>	<b>1.16</b>	<b>1.74</b>	<b>1.64</b>

<b>Computation of CO Direct Attainment</b>														
<b>Course : Linux &amp; Shell Programming</b>														
<b>Class: BCA III Sem.-V      2020-21      Couse Code:</b>														
<b>Internal Assessment</b>										<b>External Assessment</b>				
Sr. No.			<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>			
	MAX.		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)				10	25	75
	Seat No		CO1	CO2	CO3	CO4	CO5	CO6						
1	ZF26034		5	5		4			10	24	56			
2	ZF26035		5		5	4			10	24	64			
3	ZF26036		5		5	4			10	24	45			

4	ZF26037		5	5			4	10	2 4	64
5	ZF26038	5	5				5	9	2 4	64
6	ZF26039		5	5			5	9	2 4	49
7	ZF26040	5		5	5			9	2 4	45
8	ZF26041	5		5	5			9	2 4	41
9	ZF26042	5		5			5	10	2 5	66
10	ZF26043	5	5				5	10	2 5	58
11	ZF26044	5	5		5			9	2 4	55
12	ZF26045		5			5	5	10	2 5	62
13	ZF26046		5		5	5		9	2 4	56
14	ZF26047			5	5	5		9	2 4	62
15	ZF26048			5		5	5	10	2 5	51
16	ZF26049	5	5		5			9	2 4	39
17	ZF26050	5	5				5	10	2 5	56
18	ZF26051	5	5				5	10	2 5	60
19	ZF26052	5		5			5	10	2 5	62
20	ZF26053			5	5	5		9	2 4	47
21	ZF26054		5			5	5	9	2 4	53
22	ZF26055		5			5	5	9	2 4	55
23	ZF26056	5	5		5			9	2 4	51
24	ZF26057	5			5		5	9	2 4	60
25	ZF26058	4	5			5		10	2 4	53
26	ZF26059		5			5	4	10	2 4	58
27	ZF26060	4		5	5			10	2 4	66
28	ZF26061	4			5		5	10	2 4	58

29	ZF26062				5	4	5	10	2 4	39
30	ZF26063			5	5	4		10	2 4	47
31	ZF26064		5			4	5	10	2 4	60
32	ZF26065	4	5				5	10	2 4	43
33	ZF26066	4	5				5	10	2 4	53
34	ZF26067	4		5	5			10	2 4	58
35	ZF26068			5	5	4		10	2 4	55
36	ZF26069			5	5	4		10	2 4	47
37	ZF26070		5			4	5	10	2 4	53
38	ZF26071		5			4	5	10	2 4	53
39	ZF26072	4	5		5			10	2 4	45
40	ZF26073	5		4	5			10	2 4	60
41	ZF26074	5		5			5	10	2 5	68
42	ZF26075	5		5		5		10	2 5	45
43	ZF26076	5	5			5		10	2 5	49
44	ZF26077	5	5				5	10	2 5	60
45	ZF26078		5			5	5	10	2 5	62
46	ZF26079			4	5	5		10	2 4	43
47	ZF26080	5		4	5			10	2 4	60
48	ZF26081			4		5	5	10	2 4	60
49	ZF26082		4			5	5	10	2 4	64
50	ZF26083		4		5	5		10	2 4	56
51	ZF26084	5	4		5			10	2 4	55
52	ZF26085	5	5				5	10	2 5	68
53	ZF26086	5	5				5	10	2 5	62

54	ZF26087	5		5	5			10	2 5	32
55	ZF26088	5		5			5	10	2 5	43
56	ZF26089		5			5	5	10	2 5	56
57	ZF26090		5			5	5	10	2 5	60
58	ZF26091		5	4	5			10	2 4	58
59	ZF26092	5		4	5			10	2 4	49
60	ZF26093	5		4	5			10	2 4	58
61	ZF26094			4		5	5	10	2 4	58
62	ZF26095	5		4		5		10	2 4	60
63	ZF26096	5				5	4	10	2 4	62
64	ZF26097	5				5	4	10	2 4	56
65	ZF26098		5			5	4	10	2 4	56
66	ZF26099		5		5		4	10	2 4	64
67	ZF26100		5	4	5			10	2 4	62
68	ZF26101		5	4	5			10	2 4	55
69	ZF26102		5	5	5			9	2 4	53
70	ZF26103	5		5	5			9	2 4	68
71	ZF26104	5		5			5	9	2 4	43
72	ZF26105	5	5				5	9	2 4	55
73	ZF26106	5	5				5	9	2 4	53
74	ZF26107			5		5	5	9	2 4	64
75	ZF26108			5		5	5	9	2 4	56
76	ZF26109			5	5	5		9	2 4	58
77	ZF26110		5		5	5		9	2 4	58
78	ZF26111			5	5	5		9	2 4	56



79	ZF26112	5		5			4	10	2 4	62
80	ZF26113	5		5			4	10	2 4	64
81	ZF26114	5	5				4	10	2 4	64
82	ZF26115		5			5	4	10	2 4	60
83	ZF26116		5		4	5		10	2 4	58
84	ZF26117			5	4	5		10	2 4	59
85	ZF26118			5	4	5		10	2 4	43
86	ZF26119			5		5	5	10	2 5	66
87	ZF26120	5	5		4			10	2 4	55
88	ZF26121	5	5		4			10	2 4	58
89	ZF26122		5	5	4			10	2 4	64
90	ZF26123	5	5			4		10	2 4	60
91	ZF26124	5		5		4		10	2 4	53
92	ZF26125	5		5		4		10	2 4	64
93	ZF26126		5	5		4		10	2 4	62
94	ZF26127		5			4	5	10	2 4	47
95	ZF26128	5			4		5	10	2 4	66
96	ZF26129	5			4		5	10	2 4	60
97	ZF26130	5	4				5	10	2 4	62
98	ZF26131		5	4		5		10	2 4	56
99	ZF26132		5	4		5		10	2 4	70
100	ZF26133			4	5		5	10	2 4	56
101	ZF26134		5		4	5		10	2 4	66
102	ZF26135		5	4		5		10	2 4	62
103	ZF26136			4	5		5	10	2 4	62

104	ZF26137			4	5	5		10	2 4	49
105	ZF26138				5	5	4	10	2 4	64
106	ZF26139				5	5	4	10	2 4	49
107	ZF26140	5		4	5			10	2 4	56
108	ZF26141	5			5		4	10	2 4	64
109	ZF26142	5	5				4	10	2 4	60
110	ZF26143	5	5	4				10	2 4	43
111	ZF26144		5	4			5	10	2 4	58
112	ZF26145			4	5	5		10	2 4	60
113	ZF26146			4	5	5		10	2 4	55
114	ZF26147		5			5	5	10	2 5	64
115	ZF26148		5		5	5		9	2 4	64
116	ZF26149	5	5		5			9	2 4	55
117	ZF26150	5	5		5			9	2 4	56
118	ZF26151	5	5		5			9	2 4	55
119	ZF26152	5	5				5	9	2 4	68
120	ZF26153	5		5			5	9	2 4	64
121	ZF26154			5		5	5	9	2 4	49
122	ZF26155	5	5			5		9	2 4	58
123	ZF26156		5			5	5	9	2 4	62
124	ZF26157		5		5		5	9	2 4	53
125	ZF26158		5	4		5		10	2 4	56
126	ZF26159		5			5	4	10	2 4	51
127	ZF26160			5	4	5		10	2 4	66
128	ZF26161	5		5	4			10	2 4	53

129	ZF26162	5		5	4			10	2 4	38
130	ZF26163		5			5	5	10	2 5	58
131	ZF26164		5		4	5		10	2 4	55
132	ZF26165		5			5	5	10	2 5	62
133	ZF26166			5		5	5	10	2 5	62
134	ZF26167	5				5	5	10	2 5	45
135	ZF26168	5		5	4			10	2 4	47
136	ZF26169	5		5	4			10	2 4	55
137	ZF26170	5	4			5		10	2 4	62
138	ZF26171	5	4			5		10	2 4	64
139	ZF26172		4		5		5	10	2 4	64
140	ZF26173		4		5		5	10	2 4	62
141	ZF26174			4	5		5	10	2 4	58
142	ZF26175			4	5		5	10	2 4	64
143	ZF26176	5	4			5		10	2 4	58
144	ZF26177	5	4			5		10	2 4	60
145	ZF26178			4	4		5	8	2 1	53
146	ZF26179	5		4		5		10	2 4	51
<b>No. of Students Attempted</b>		<b>73</b>	<b>78</b>	<b>71</b>	<b>71</b>	<b>72</b>	<b>73</b>	<b>146</b>	<b>1 4 6</b>	<b>146</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>46</b>	<b>53</b>	<b>51</b>	<b>49</b>	<b>52</b>	<b>49</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>63.01</b>	<b>67.95</b>	<b>71.83</b>	<b>69.01</b>	<b>72.22</b>	<b>67.12</b>			<b>68.49</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			

Indirect CO Attainment Level	2.2 9	2.2 9	2.3 2	2.2 8	2.3 4	2.3 6			
Total CO Attainment	2.0 3	2.0 3	2.0 3	2.0 3	2.0 3	2.9 3			
Average CO Attainment									2.18

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	29	31	30	32	30	27
Level 2	46	42	40	41	37	39
Level 3	71	73	76	73	79	80
Total no. of students participated	146	146	146	146	146	146
CO Attainment Level	2.29	2.29	2.32	2.28	2.34	2.36

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1		1	3	2	3	3	1	2	3	1	
CO2	2	1		2	1		2	3	1	2	2	1
CO3	2	2	3		2	3		2	1		1	
CO4	1	3	1	1	1		1			2	2	2

CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.75</b>	<b>1.75</b>	<b>2</b>	<b>1.6</b>	<b>2.25</b>	<b>2.25</b>	<b>2.2</b>	<b>1.6</b>	<b>2</b>	<b>1.6</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.16</b>	<b>1.27</b>	<b>1.27</b>	<b>1.45</b>	<b>1.16</b>	<b>1.64</b>	<b>1.64</b>	<b>1.6</b>	<b>1.16</b>	<b>1.45</b>	<b>1.16</b>	<b>1.45</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course : Elective - 3</b>												
<b>Class: BCA III Sem.-V      A.Y. 2020-21      Course Code:</b>												
<b>Internal Assessment</b>										<b>External Assessment</b>		
Sr. No.		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)					Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5					CO 6
1	ZF26034	5			5	5		10	25	66		
2	ZF26035		5	5		5		10	25	70		
3	ZF26036			5	5	5		10	25	62		
4	ZF26037	5	5				4	10	24	64		
5	ZF26038		4			5	5	10	24	68		
6	ZF26039	5		4	5			10	24	70		
7	ZF26040	5	4		5			10	24	66		
8	ZF26041	5			5	4		10	24	68		
9	ZF26042		5		5	4		10	24	71		

10	ZF26043		5	4			5	10	2 4	56
11	ZF26044		5			4	5	10	2 4	64
12	ZF26045			5	5	5		10	2 5	68
13	ZF26046			5	5	5		10	2 5	70
14	ZF26047	5	5				5	9	2 4	70
15	ZF26048		5	5	5			10	2 5	62
16	ZF26049		5	5	5			10	2 5	68
17	ZF26050		5	5	5			10	2 5	66
18	ZF26051	5	5				5	9	2 4	71
19	ZF26052	5				5	5	9	2 4	70
20	ZF26053		5	5			5	9	2 4	70
21	ZF26054		5			5	5	9	2 4	66
22	ZF26055			5	5	5		10	2 5	41
23	ZF26056		5	5			5	10	2 5	32
24	ZF26057			5	5	5		10	2 5	68
25	ZF26058	5				5	5	9	2 4	66
26	ZF26059		5	5	5			10	2 5	66
27	ZF26060	5				5	5	9	2 4	70
28	ZF26061	5				5	5	9	2 4	70
29	ZF26062			5	5	5		10	2 5	53
30	ZF26063	5		4	5			10	2 4	62
31	ZF26064		5		5	5		10	2 5	68
32	ZF26065		5		5	5		10	2 5	62
33	ZF26066			5	5	5		10	2 5	68
34	ZF26067		5		5		5	10	2 5	66

35	ZF26068		5		5		5	10	2 5	68
36	ZF26069	5		5		5		10	2 5	62
37	ZF26070	5		5		5		10	2 5	71
38	ZF26071	5		5		5		10	2 5	60
39	ZF26072		4		5		5	10	2 4	55
40	ZF26073		5			5	5	10	2 5	71
41	ZF26074			4	5		5	10	2 4	68
42	ZF26075		4		5		5	10	2 4	66
43	ZF26076	5	4		5			10	2 4	64
44	ZF26077	5	4		5			10	2 4	66
45	ZF26078			4	5		5	10	2 4	64
46	ZF26079	5		5		5		10	2 5	64
47	ZF26080	5		5		5		10	2 5	70
48	ZF26081		5		5		4	10	2 4	66
49	ZF26082		5			5	5	10	2 5	68
50	ZF26083		5		5		4	10	2 4	66
51	ZF26084		5	5		5		10	2 5	68
52	ZF26085		5	4	5			10	2 4	70
53	ZF26086	5		4		5		10	2 4	66
54	ZF26087	5		4	5			10	2 4	64
55	ZF26088	5	4		5			10	2 4	60
56	ZF26089				5	4	5	10	2 4	66
57	ZF26090				5	4	5	10	2 4	45
58	ZF26091	5		5		5		10	2 5	70
59	ZF26092		4		5		5	10	2 4	64

60	ZF26093	5	5	5				10	2 5	71
61	ZF26094				5	4	5	10	2 4	68
62	ZF26095	5		5		5		10	2 5	68
63	ZF26096				5	4	5	10	2 4	70
64	ZF26097		4		5		5	10	2 4	64
65	ZF26098	5	5	5				10	2 5	71
66	ZF26099	5	5	5				10	2 5	71
67	ZF26100		4			5	5	10	2 4	70
68	ZF26101	4			5		5	10	2 4	60
69	ZF26102			5	5	4		10	2 4	71
70	ZF26103		5	5		4		10	2 4	66
71	ZF26104				5	4	5	10	2 4	64
72	ZF26105				5	4	5	10	2 4	60
73	ZF26106	5		5		5		10	2 5	60
74	ZF26107		5	5			5	10	2 5	70
75	ZF26108		5	5			5	10	2 5	68
76	ZF26109		5		5	5		10	2 5	68
77	ZF26110	5			5	5		10	2 5	68
78	ZF26111	5			5	5		10	2 5	66
79	ZF26112				5	4	5	10	2 4	70
80	ZF26113	5	5	5		5		10	2 5	70
81	ZF26114	5	5	5				10	2 5	70
82	ZF26115	5	4	5				10	2 5	68
83	ZF26116		4		5		5	10	2 4	68
84	ZF26117				5		5	10	2 4	55



85	ZF26118				5	4	5	10	2 4	58
86	ZF26119	4		5		5		10	2 4	71
87	ZF26120		4	5			5	10	2 4	66
88	ZF26121		5	5			5	10	2 5	68
89	ZF26122	4		5		5		10	2 4	64
90	ZF26123	4			5	5		10	2 4	68
91	ZF26124		4		5		5	10	2 4	64
92	ZF26125	5			5		5	10	2 5	70
93	ZF26126	4		5			5	10	2 4	56
94	ZF26127	4	5				5	10	2 4	66
95	ZF26128	5	5			5		10	2 5	71
96	ZF26129		5		5	5		10	2 5	66
97	ZF26130		5		5	5		10	2 5	66
98	ZF26131			5	5		5	10	2 5	68
99	ZF26132	4		5		5		10	2 4	70
100	ZF26133	4	5			5		10	2 4	68
101	ZF26134		5		5		5	9	2 4	70
102	ZF26135		5		5		5	9	2 4	70
103	ZF26136			5	5		5	9	2 4	41
104	ZF26137				5	5	5	10	2 5	64
105	ZF26138			5	5		5	9	2 4	70
106	ZF26139		5		5	5		10	2 5	66
107	ZF26140		5	5	5			9	2 4	68
108	ZF26141	5	5	5				9	2 4	66
109	ZF26142	5				5	5	10	2 5	66

110	ZF26143	5		5			5	9	2 4	51
111	ZF26144	5		5			5	9	2 4	68
112	ZF26145			5	5		5	9	2 4	66
113	ZF26146	5			5	5		10	2 5	68
114	ZF26147	5	5			5		10	2 5	70
115	ZF26148	5	5		5			10	2 5	68
116	ZF26149		5		5		5	10	2 5	70
117	ZF26150		5			5	5	10	2 5	70
118	ZF26151				5	5		10	2 5	60
119	ZF26152	5			5	5		10	2 5	68
120	ZF26153			5	5		5	9	2 4	68
121	ZF26154	5	5	5				9	2 4	62
122	ZF26155		5	5	5			9	2 4	64
123	ZF26156	5	5			5	5	10	2 5	64
124	ZF26157		5	5			5	9	2 4	66
125	ZF26158		5			5	5	10	2 5	70
126	ZF26159	5		5	5			9	2 4	49
127	ZF26160				5	5	5	10	2 5	62
128	ZF26161	5		5			5	9	2 4	62
129	ZF26162	5				5	5	10	2 5	68
130	ZF26163	5	5	5				9	2 4	70
131	ZF26164	5			5	5		10	2 5	49
132	ZF26165	5	5				5	10	2 5	68
133	ZF26166		5		5	5		10	2 5	68
134	ZF26167	5		5	5			9	2 4	56

135	ZF26168		5		5	5		10	2 5	70
136	ZF26169	5	5	5				9	2 4	64
137	ZF26170	5		5			5	9	2 4	68
138	ZF26171	5	5				5	9	2 4	70
139	ZF26172			5	5		5	9	2 4	70
140	ZF26173				5	5	5	10	2 5	62
141	ZF26174	5	5				4	10	2 4	62
142	ZF26175	5	5	5				10	2 5	70
143	ZF26176				5	5	4	10	2 4	68
144	ZF26177				5	5	4	10	2 4	68
145	ZF26178			4	5		4	9	2 2	62
146	ZF26179	5		5		5		10	2 5	51
<b>No. of Students Attempted</b>		<b>66</b>	<b>75</b>	<b>69</b>	<b>81</b>	<b>74</b>	<b>73</b>	<b>146</b>	<b>1 4 6</b>	<b>146</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>48</b>	<b>50</b>	<b>46</b>	<b>54</b>	<b>49</b>	<b>53</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>72. 73</b>	<b>66. 67</b>	<b>66. 67</b>	<b>66. 67</b>	<b>66. 22</b>	<b>72. 6</b>			<b>68.49</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.2 7</b>	<b>2.2 9</b>	<b>2.3 2</b>	<b>2.3</b>	<b>2.2 8</b>	<b>2.2 7</b>			
<b>Total CO Attainment</b>		<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.9 3</b>			
<b>Average CO Attainment</b>										2.18

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	33	32	29	30	31	31
Level 2	40	39	41	42	43	44
Level 3	73	75	76	74	72	71
Total no. of students participated	146	146	146	146	146	146
CO Attainment Level	2.27	2.29	2.32	2.3	2.28	2.27

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3			1	1	3	2	3	1	2	2	1
CO2		2	2	1	1	2	1		2	1	3	3
CO3	1	1	3		2	3	1	2	1		1	
CO4	1	3	1	1	1		2	1	1	2	1	2
CO5	2			2		1	3	2		3		1
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	1.75	1.75	2	1.25	1.4	2.2	1.8	2.2	1.6	2	1.8	1.8

PO's Attainment at Course Level	1.27	1.27	1.45	0.91	1.02	1.6	1.31	1.6	1.16	1.45	1.31	1.31
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Computation of CO Direct Attainment										
Course : PRJ										
Class: BCA III Sem.-VI      A.Y. 2020-21      Course Code:										
Internal Assessment										External Assessment
Sr. No.	MAX.	Test-I (15) (Any three)						Assignment	Total	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)			
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF26034		4	5			5	10	24	70
2	ZF26035		4	5	5			10	24	72
3	ZF26036	4		5			5	10	24	69
4	ZF26037	5				5	5	10	25	72
5	ZF26038	4		5	5			10	24	72
6	ZF26039		4	5			5	10	24	73
7	ZF26040		4	5	5			10	24	72
8	ZF26041	5			5	5		10	25	73
9	ZF26042		5			5	5	10	25	74
10	ZF26043	5				5	5	10	25	70
11	ZF26044	4		5			5	10	24	68
12	ZF26045		4	5	5			10	24	74
13	ZF26046		5			5	5	10	25	75

14	ZF26047		4	5	5			10	2 4	70
15	ZF26048	4		5	5			10	2 4	74
16	ZF26049	4		5			5	10	2 4	73
17	ZF26050		4	5			5	10	2 4	70
18	ZF26051		5			5	5	10	2 5	74
19	ZF26052		5	5		5		10	2 5	75
20	ZF26053	5			5	5		10	2 5	75
21	ZF26054		4		5		5	10	2 4	71
22	ZF26055		4	5	5			10	2 4	71
23	ZF26056	5				5	5	10	2 5	70
24	ZF26057	5				5	5	10	2 5	75
25	ZF26058	4		5			5	10	2 4	72
26	ZF26059	5			5	5		10	2 5	74
27	ZF26060		5		5	5		10	2 5	72
28	ZF26061	4		5	5			10	2 4	70
29	ZF26062		5		5	5		10	2 5	72
30	ZF26063		4	5			5	10	2 4	70
31	ZF26064	4		5			5	10	2 4	71
32	ZF26065	4		5			5	10	2 4	70
33	ZF26066		5		5	5		10	2 5	73
34	ZF26067		4	5	5			10	2 4	71
35	ZF26068	5			5	5		10	2 5	70
36	ZF26069		5		5	5		10	2 5	71
37	ZF26070		4	5			5	10	2 4	71
38	ZF26071	4		5			5	10	2 4	68

39	ZF26072	5				5	5	10	2 5	71
40	ZF26073	5				5	5	10	2 5	73
41	ZF26074		5	5	5			10	2 5	70
42	ZF26075	5	5		5			10	2 5	70
43	ZF26076	5	5		5			10	2 5	73
44	ZF26077		5	5		5		10	2 5	71
45	ZF26078	5		5	5			10	2 5	70
46	ZF26079	4		5			5	10	2 4	70
47	ZF26080	4	5				5	10	2 4	70
48	ZF26081		4		5		5	10	2 4	72
49	ZF26082				5	4	5	10	2 4	73
50	ZF26083	5	5	5				10	2 5	74
51	ZF26084		5	5			5	10	2 5	74
52	ZF26085	5	5		5			10	2 5	70
53	ZF26086	5		5	5			10	2 5	75
54	ZF26087		5			4	5	10	2 4	70
55	ZF26088				5	4	5	10	2 4	70
56	ZF26089	5		5	5			10	2 5	72
57	ZF26090		5			4	5	10	2 4	74
58	ZF26091	5	5	5				10	2 5	72
59	ZF26092		5			4	5	10	2 4	72
60	ZF26093			5	4		5	10	2 4	70
61	ZF26094		5			4	5	10	2 4	70
62	ZF26095	5		5	5			10	2 5	75
63	ZF26096				5	4	5	10	2 4	73

64	ZF26097				5	4	5	10	2 4	71
65	ZF26098		5			4	5	10	2 4	70
66	ZF26099	5	5	5				10	2 5	68
67	ZF26100	5	5	5				10	2 5	70
68	ZF26101		5			4	5	10	2 4	70
69	ZF26102				5	4	5	10	2 4	71
70	ZF26103	5	5		5			10	2 5	74
71	ZF26104	5		5		5		10	2 5	72
72	ZF26105		5	5		5		10	2 5	72
73	ZF26106		5	5	5			10	2 5	70
74	ZF26107	5		5	5			10	2 5	74
75	ZF26108				5	4	5	10	2 4	67
76	ZF26109		5			4	5	10	2 4	74
77	ZF26110		5	5		4		10	2 4	67
78	ZF26111		5		4		5	10	2 4	70
79	ZF26112	5	5	5				10	2 5	70
80	ZF26113	5		5	5			10	2 5	74
81	ZF26114			5	5	5		10	2 5	73
82	ZF26115		5	5		5		10	2 5	71
83	ZF26116		5			4	5	10	2 4	70
84	ZF26117	4			5		5	10	2 4	70
85	ZF26118	4	5				5	10	2 4	71
86	ZF26119	5		5		5		10	2 5	75
87	ZF26120	4			5		5	10	2 4	70
88	ZF26121		5			4	5	10	2 4	72



89	ZF26122			5	5	5		10	2 5	75
90	ZF26123		5		5	5		10	2 5	70
91	ZF26124	5		4			5	10	2 4	73
92	ZF26125			5		5	5	10	2 5	74
93	ZF26126	5	4				5	10	2 4	68
94	ZF26127			5	5	5		10	2 5	71
95	ZF26128	5	4		5			10	2 4	72
96	ZF26129	5	4				5	10	2 4	72
97	ZF26130			5	5	5		10	2 5	73
98	ZF26131		5		5	5		10	2 5	70
99	ZF26132	5		4			5	10	2 4	74
100	ZF26133	5		4			5	10	2 4	72
101	ZF26134		5			5	5	10	2 5	74
102	ZF26135		5		5	5		10	2 5	75
103	ZF26136	5	4		5			10	2 4	70
104	ZF26137	5		4	5			10	2 4	72
105	ZF26138		5	4			5	10	2 4	73
106	ZF26139	5	4				5	10	2 4	73
107	ZF26140	5		4			5	10	2 4	70
108	ZF26141			5	5	5		10	2 5	73
109	ZF26142		5			5	5	10	2 5	70
110	ZF26143	5	4		5			10	2 4	73
111	ZF26144	5		4	5			10	2 4	70
112	ZF26145		5			5	5	10	2 5	73
113	ZF26146	5	5			5		10	2 5	61

114	ZF26147			5		5	5	10	2 5	75
115	ZF26148	5		4			5	10	2 4	70
116	ZF26149	5		4			5	10	2 4	73
117	ZF26150	5	4		5			10	2 4	70
118	ZF26151		5		5	5		10	2 5	70
119	ZF26152		5			5	5	10	2 5	75
120	ZF26153			5	5	5		10	2 5	73
121	ZF26154	5		4	5			10	2 4	72
122	ZF26155	5		5			5	10	2 5	64
123	ZF26156		5			5	5	10	2 5	74
124	ZF26157		5		5	4		10	2 4	70
125	ZF26158		5		5	4		10	2 4	73
126	ZF26159	5		4	5			10	2 4	71
127	ZF26160	5				5	5	9	2 4	73
128	ZF26161		5	5			5	10	2 5	75
129	ZF26162				5	5	5	9	2 4	72
130	ZF26163	5	5	5				10	2 5	73
131	ZF26164		5		5		5	10	2 5	70
132	ZF26165	5		5			5	10	2 5	73
133	ZF26166	5		5	5			10	2 5	75
134	ZF26167	5			5	5		9	2 4	70
135	ZF26168		5		5		5	10	2 5	72
136	ZF26169	5		5	5			10	2 5	64
137	ZF26170		5			5	5	9	2 4	72
138	ZF26171		5	5			5	10	2 5	75

139	ZF26172	5		5			5	10	2 5	74
140	ZF26173	5			5	5		9	2 4	75
141	ZF26174	5			5	5		9	2 4	73
142	ZF26175		5	5			5	10	2 5	74
143	ZF26176		5			5	5	10	2 5	70
144	ZF26177		5	5	5			10	2 5	70
145	ZF26178	5				4	4	8	2 1	65
146	ZF26179	5				5	5	9	2 4	72
<b>No. of Students Attempted</b>		<b>72</b>	<b>78</b>	<b>73</b>	<b>70</b>	<b>68</b>	<b>77</b>	<b>146</b>	<b>1 4 6</b>	<b>146</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>48</b>	<b>54</b>	<b>47</b>	<b>48</b>	<b>49</b>	<b>54</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>66. 67</b>	<b>69. 23</b>	<b>64. 38</b>	<b>68. 57</b>	<b>72. 06</b>	<b>70. 13</b>			<b>68.49</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.2 9</b>	<b>2.3 2</b>	<b>2.3 4</b>	<b>2.3 2</b>	<b>2.3</b>	<b>2.2 9</b>			
<b>Total CO Attainment</b>		<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.0 3</b>	<b>2.9 3</b>			
<b>Average CO Attainment</b>										2.18

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>31</b>	<b>30</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>29</b>
<b>Level 2</b>	<b>41</b>	<b>40</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>45</b>

<b>Level 3</b>	<b>74</b>	<b>76</b>	<b>77</b>	<b>75</b>	<b>73</b>	<b>72</b>
<b>Total no. of students participated</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>
<b>CO Attainment Level</b>	<b>2.29</b>	<b>2.32</b>	<b>2.34</b>	<b>2.32</b>	<b>2.3</b>	<b>2.29</b>

<b>COMPUTATION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2			2	3	1	3	1	3	1	3	2
CO2	1	3	3	2		3	2		2	2		
CO3	2	2			2	2	1	2	1		1	
CO4	1	3	1	1	1		2	1	2	1	3	2
CO5	2			2		1	3	2		3		1
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.8</b>	<b>2.25</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>1.16</b>	<b>1.64</b>	<b>1.45</b>	<b>1.27</b>	<b>1.45</b>	<b>1.31</b>	<b>1.6</b>	<b>1.31</b>	<b>1.6</b>	<b>1.31</b>	<b>1.64</b>	<b>1.27</b>

<b>Computation of CO Direct Attainment</b>
<b>Course : ANC</b>
<b>Class: BCA III Sem.-VI      A.Y. 2020-21      Course Code:</b>

Internal Assessment										External Assessment				
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks				
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)	10	25	75
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6			
1	ZF26034			5	4	5		10	24	64				
2	ZF26035		5	5		4		10	24	73				
3	ZF26036			5	5	5		10	25	68				
4	ZF26037	5	5				4	10	24	73				
5	ZF26038	5	5				5	10	25	68				
6	ZF26039		4	5		5		10	24	69				
7	ZF26040		4	5			5	10	24	54				
8	ZF26041			5		4	5	10	24	49				
9	ZF26042	5				4	5	10	24	73				
10	ZF26043	5				4	5	10	24	69				
11	ZF26044	5	4				5	10	24	73				
12	ZF26045		5	4	5			10	24	71				
13	ZF26046		4	5	5			10	24	68				
14	ZF26047	5	5				5	9	25	71				
15	ZF26048			5	4	5		10	24	68				
16	ZF26049			4		5	5	10	24	68				
17	ZF26050		5	5	5			10	25	71				
18	ZF26051	5	5				5	9	24	71				
19	ZF26052	5	5				5	9	24	73				

20	ZF26053	5	5				5	9	2 4	68
21	ZF26054	5				5	5	9	2 4	73
22	ZF26055			5	4	5		10	2 4	73
23	ZF26056		5	4		5		10	2 4	60
24	ZF26057			5	5	4		10	2 4	69
25	ZF26058	4	5				5	9	2 4	71
26	ZF26059		5	5	4			10	2 4	62
27	ZF26060	5	5				5	9	2 4	68
28	ZF26061	5				5	5	10	2 5	66
29	ZF26062			5	5	5		10	2 5	68
30	ZF26063	5	5		5			10	2 5	69
31	ZF26064		5		5	4		10	2 4	66
32	ZF26065	5	5			5		10	2 5	53
33	ZF26066	4		5		5		10	2 4	69
34	ZF26067	5				4	5	10	2 4	64
35	ZF26068				5	5	4	10	2 4	68
36	ZF26069	5		5			5	10	2 5	64
37	ZF26070		5			5	5	10	2 4	69
38	ZF26071		5	5		5		10	2 5	64
39	ZF26072		5	4	5			10	2 4	60
40	ZF26073		5	5		4		10	2 4	68
41	ZF26074	5		4	5			10	2 4	73
42	ZF26075	5		5	5			10	2 5	66
43	ZF26076	5			5		4	10	2 4	68
44	ZF26077	5			5		5	10	2 5	68

45	ZF26078	5			5		4	10	2 4	69
46	ZF26079	4				5	5	10	2 4	64
47	ZF26080	5		5		4		10	2 4	68
48	ZF26081			4	5			10	2 4	71
49	ZF26082			5		5	5	10	2 4	71
50	ZF26083			4	5		4	10	2 4	66
51	ZF26084		4			5	5	10	2 4	64
52	ZF26085		5		5		5	10	2 5	73
53	ZF26086	5	5		5		5	10	2 5	64
54	ZF26087	5		4	5			10	2 4	64
55	ZF26088	5		4	5			10	2 4	71
56	ZF26089				5	4	5	10	2 4	62
57	ZF26090				5	4	5	10	2 4	73
58	ZF26091	5		4		5		10	2 4	62
59	ZF26092				5	5	5	10	2 5	60
60	ZF26093	5	5	5				10	2 5	69
61	ZF26094		4		5		5	10	2 4	60
62	ZF26095	5	5	5				10	2 5	69
63	ZF26096		4		5		5	10	2 4	68
64	ZF26097				5	5	5	10	2 5	66
65	ZF26098	4		5		5		10	2 4	71
66	ZF26099	5		5		5		10	2 5	73
67	ZF26100				5	4	5	10	2 4	68
68	ZF26101		5		5		5	10	2 5	66
69	ZF26102		5		5		5	10	2 5	68

70	ZF26103		4		5		5	10	2 4	71
71	ZF26104		5		5		5	10	2 5	53
72	ZF26105				5	4	5	10	2 4	54
73	ZF26106	5		4		5		10	2 4	56
74	ZF26107	4		5			5	10	2 4	68
75	ZF26108	5	5				4	10	2 4	62
76	ZF26109	4	5				5	10	2 4	64
77	ZF26110	5	5			4		10	2 4	64
78	ZF26111	5		4		5		10	2 4	64
79	ZF26112				5	4	5	10	2 4	71
80	ZF26113	4		5		5		10	2 4	69
81	ZF26114	5	5	5				10	2 5	73
82	ZF26115	5	5	4				10	2 4	68
83	ZF26116		4		5		5	10	2 4	68
84	ZF26117		4		5		5	10	2 4	58
85	ZF26118		4		5		5	10	2 4	66
86	ZF26119	5		5		5		10	2 5	71
87	ZF26120	4		5		5		10	2 4	60
88	ZF26121	5		4			5	10	2 4	64
89	ZF26122	4		5			5	10	2 4	73
90	ZF26123	5	5				5	10	2 5	69
91	ZF26124	4	5				5	10	2 4	58
92	ZF26125	5	4			5		10	2 4	69
93	ZF26126		5		4	5		10	2 4	56
94	ZF26127			5	5	5		10	2 5	73



95	ZF26128	5		5		5		10	2 4	64
96	ZF26129			5	5		5	10	2 5	60
97	ZF26130		5		5		4	10	2 4	69
98	ZF26131	5	5			5		10	2 4	66
99	ZF26132	4	5			5		10	2 4	68
100	ZF26133	5	5			5		10	2 5	69
101	ZF26134			5	5		4	10	2 4	69
102	ZF26135			5	5		5	10	2 5	62
103	ZF26136	5		4			5	10	2 4	62
104	ZF26137	5				4	5	10	2 4	73
105	ZF26138	4	5	5				10	2 4	68
106	ZF26139		5		5	4		10	2 4	68
107	ZF26140		5	4	5			10	2 4	64
108	ZF26141	5	4	5				10	2 4	69
109	ZF26142	5				4	5	10	2 4	36
110	ZF26143	5		4			5	10	2 4	66
111	ZF26144			5	4		5	10	2 4	64
112	ZF26145			5	4		5	10	2 4	71
113	ZF26146	5				5	4	10	2 4	64
114	ZF26147	5		5		5		10	2 5	73
115	ZF26148	5	5	5				10	2 5	68
116	ZF26149		4	5			5	10	2 4	66
117	ZF26150	5		5	4			10	2 4	64
118	ZF26151	4				5	5	10	2 4	58
119	ZF26152	5				5	4	10	2 4	69

120	ZF26153	4		5			5	10	2 4	62
121	ZF26154			5	5		4	10	2 4	62
122	ZF26155			5	5		5	10	2 5	69
123	ZF26156				5	5	5	10	2 5	73
124	ZF26157		5	5			5	10	2 5	66
125	ZF26158	5				4	5	10	2 4	64
126	ZF26159		5	5			4	10	2 4	64
127	ZF26160		4			5	5	10	2 4	62
128	ZF26161		5	4			5	10	2 4	69
129	ZF26162	4			5	5		10	2 4	71
130	ZF26163	5		5	5			10	2 5	62
131	ZF26164		5		4	5		10	2 4	58
132	ZF26165	5			5	5		10	2 5	66
133	ZF26166				5	5	5	10	2 5	71
134	ZF26167		5	5			5	10	2 5	71
135	ZF26168		5			5	5	10	2 5	60
136	ZF26169	5	5	4				10	2 4	60
137	ZF26170	5	4	5				10	2 4	62
138	ZF26171	4		5	5			10	2 4	66
139	ZF26172			5	4		5	10	2 4	69
140	ZF26173				5	5	4	10	2 4	71
141	ZF26174	5				5	4	10	2 4	69
142	ZF26175	5		4		5		10	2 4	73
143	ZF26176		5			5	4	10	2 4	69
144	ZF26177		5		5		4	10	2 4	62



<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.27</b>	<b>2.28</b>	<b>2.26</b>	<b>2.32</b>	<b>2.34</b>
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<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	1	1	3	3	1	3	2	1		3	1	
CO2		2	1	1	3	3	1	2	3	1	3	2
CO3	3	1		2	2	2	2	1	1		1	
CO4	2	2	2	1	1		3	2		2	2	2
CO5	1	1		2		1	3		1	1		3
CO6			2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>1.4</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>2.2</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>1.27</b>	<b>1.02</b>	<b>1.45</b>	<b>1.31</b>	<b>1.31</b>	<b>1.6</b>	<b>1.6</b>	<b>1.31</b>	<b>1.45</b>	<b>1.31</b>	<b>1.31</b>	<b>1.64</b>

<b>Computation of CO Direct Attainment</b>														
<b>Course : SE</b>														
<b>Class: BCA III Sem.-VI      A.Y. 2020-21      Course Code:</b>														
<b>Internal Assessment</b>											<b>External Assessment</b>			
<b>Sr. No.</b>						<b>Test-I (15) (Any three)</b>				<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
	<b>MAX.</b>					<b>Q1 (5)</b>	<b>Q2 (5)</b>	<b>Q3 (5)</b>	<b>Q4 (5)</b>	<b>Q5 (5)</b>	<b>Q6 (5)</b>	<b>10</b>	<b>25</b>	<b>75</b>
	<b>Seat No</b>					<b>CO 1</b>	<b>CO 2</b>	<b>CO 3</b>	<b>CO 4</b>	<b>CO 5</b>	<b>CO 6</b>			
<b>1</b>	<b>ZF26034</b>							<b>5</b>	<b>4</b>	<b>5</b>		<b>10</b>	<b>24</b>	<b>49</b>

2	ZF26035		5	5		4		10	2 4	53
3	ZF26036			5	5	5		10	2 4	51
4	ZF26037	5				5	4	10	2 4	53
5	ZF26038	5				5	5	10	2 4	47
6	ZF26039		4	5			5	10	2 4	51
7	ZF26040		4		5		5	10	2 4	39
8	ZF26041			5		5	5	10	2 5	45
9	ZF26042	5	4				5	10	2 4	64
10	ZF26043	5	4				5	10	2 4	56
11	ZF26044	5				4	5	10	2 4	58
12	ZF26045		5	5	5			10	2 5	60
13	ZF26046		5	5	5			10	2 5	58
14	ZF26047	5	4				5	10	2 4	60
15	ZF26048		5	5		5		10	2 5	45
16	ZF26049		5	4	5			10	2 4	30
17	ZF26050			5	5	5		10	2 5	56
18	ZF26051	5				5	4	10	2 4	60
19	ZF26052		5	5			5	10	2 5	62
20	ZF26053	5		4			5	10	2 4	53
21	ZF26054	5				5	4	10	2 4	54
22	ZF26055			5	4	5		10	2 4	43
23	ZF26056	4	5		5			10	2 4	47
24	ZF26057		5	5		5		10	2 5	53
25	ZF26058	4	5				5	10	2 4	53
26	ZF26059		5	5	4			10	2 5	56

27	ZF26060	5				5	5	10	2 5	62
28	ZF26061	5				4	5	10	2 4	56
29	ZF26062			5	4	5		10	2 4	47
30	ZF26063	5		4	5			10	2 4	51
31	ZF26064		5		5	5		10	2 5	42
32	ZF26065	4	5			5		10	2 4	47
33	ZF26066	5	5	5				10	2 5	54
34	ZF26067		5		5	5		10	2 5	58
35	ZF26068		5		5	5		10	2 5	56
36	ZF26069	5		5		4		10	2 4	49
37	ZF26070			4		5	5	10	2 4	56
38	ZF26071		5			4	5	10	2 4	51
39	ZF26072	4			5		5	10	2 4	43
40	ZF26073		5	5		4		10	2 4	53
41	ZF26074		4		5		5	10	2 4	54
42	ZF26075			5	4		5	10	2 4	51
43	ZF26076	5		5	5			10	2 5	64
44	ZF26077	5		4	5			10	2 4	60
45	ZF26078	5		4	5			10	2 4	53
46	ZF26079		4	5		5		10	2 4	56
47	ZF26080		5	5		4		10	2 4	51
48	ZF26081	4	5		5			10	2 4	51
49	ZF26082		5	5		5		10	2 5	51
50	ZF26083	5		5	5			10	2 5	47
51	ZF26084	5	5			5		10	2 5	58

52	ZF26085		5	5	5			10	2 5	56
53	ZF26086		5	5		5		10	2 5	51
54	ZF26087	5	4		5			10	2 4	41
55	ZF26088	5		4	5			10	2 4	54
56	ZF26089				5	4	5	10	2 4	58
57	ZF26090				5	4	5	10	2 4	45
58	ZF26091	5	5	4				10	2 4	38
59	ZF26092		4		5		5	10	2 4	45
60	ZF26093	4	5	5				10	2 4	53
61	ZF26094				5	4	5	10	2 4	56
62	ZF26095	5		5		5		10	2 5	54
63	ZF26096		5		5		5	10	2 5	58
64	ZF26097		5		5		5	10	2 5	54
65	ZF26098	5	5	5				10	2 5	56
66	ZF26099	5	5	4				10	2 4	54
67	ZF26100				5	4	5	10	2 4	56
68	ZF26101				4	5	5	10	2 4	51
69	ZF26102		5			5	4	10	2 4	56
70	ZF26103		5			4	5	10	2 4	62
71	ZF26104				4	5	5	10	2 4	51
72	ZF26105		4		5		5	10	2 4	54
73	ZF26106	5	5	5				10	2 5	43
74	ZF26107	4		5		5		10	2 4	53
75	ZF26108		5	5	5			10	2 5	54
76	ZF26109	5	4		5			10	2 4	49

77	ZF26110		5	5		4		10	2 4	49
78	ZF26111	5		4		5		10	2 4	49
79	ZF26112				5	4	5	10	2 4	53
80	ZF26113	5	5	5				10	2 5	62
81	ZF26114	5	5	5				10	2 5	62
82	ZF26115	5	5	5				10	2 5	53
83	ZF26116		5		5		5	10	2 5	45
84	ZF26117		5		5		5	10	2 5	36
85	ZF26118		5		5		5	10	2 5	39
86	ZF26119	5	5	5				10	2 5	58
87	ZF26120	4		5		5		10	2 4	43
88	ZF26121	5		4		5		10	2 4	49
89	ZF26122	4			5	5		10	2 4	58
90	ZF26123	5			5	4		10	2 4	62
91	ZF26124	5			5		5	10	2 5	49
92	ZF26125		5		4		5	10	2 4	60
93	ZF26126		5	5			5	10	2 5	62
94	ZF26127		5	5		4		10	2 4	47
95	ZF26128		5	4		5		10	2 4	66
96	ZF26129		5		5	4		10	2 4	60
97	ZF26130	5			5	4		10	2 4	60
98	ZF26131	5			4	5		10	2 4	43
99	ZF26132	5		5		5		10	2 5	60
100	ZF26133	5		5		4		10	2 4	51
101	ZF26134			5	5		4	10	2 4	54



102	ZF26135			5	4		5	10	2 4	53
103	ZF26136			4	5		5	10	2 4	45
104	ZF26137				5	5	5	10	2 5	38
105	ZF26138		4	5			5	10	2 4	62
106	ZF26139		5		5	4		10	2 4	45
107	ZF26140		5	4	5			10	2 4	49
108	ZF26141		5	5	4			10	2 4	54
109	ZF26142		5			4	5	10	2 4	39
110	ZF26143		5	4			5	10	2 4	54
111	ZF26144			5	4		5	10	2 4	49
112	ZF26145			5	4		5	10	2 4	53
113	ZF26146		4		5	5		10	2 4	49
114	ZF26147	5	5			5		10	2 5	58
115	ZF26148	5	5		4			10	2 4	45
116	ZF26149	5		5	4			10	2 4	45
117	ZF26150	5	5		4			10	2 4	47
118	ZF26151	5	5			5		10	2 5	39
119	ZF26152	5				5	4	10	2 4	49
120	ZF26153			5	5		5	10	2 5	56
121	ZF26154			5	5		4	10	2 4	45
122	ZF26155			5	4		5	10	2 4	53
123	ZF26156	5				4	5	10	2 4	56
124	ZF26157	5	5	4				10	2 4	53
125	ZF26158		5		5	4		10	2 4	51
126	ZF26159	5	4	5				10	2 4	49



<b>% of students secured &gt;= Threshold marks</b>	<b>68.6</b>	<b>68.2</b>	<b>66.7</b>	<b>72</b>	<b>65.5</b>	<b>69.5</b>			<b>68.49</b>
<b>Attainment Level</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			<b>2</b>
<b>Direct CO Attainment</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>	<b>2.29</b>	<b>2.3</b>	<b>2.31</b>	<b>2.24</b>	<b>2.23</b>	<b>2.35</b>			
<b>Total CO Attainment</b>	<b>2.03</b>	<b>2.03</b>	<b>2.03</b>	<b>2.02</b>	<b>2.02</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>2.18</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>31</b>	<b>32</b>	<b>29</b>	<b>35</b>	<b>34</b>	<b>26</b>
<b>Level 2</b>	<b>42</b>	<b>38</b>	<b>43</b>	<b>41</b>	<b>44</b>	<b>43</b>
<b>Level 3</b>	<b>73</b>	<b>76</b>	<b>74</b>	<b>70</b>	<b>68</b>	<b>77</b>
<b>Total no. of students participated</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>	<b>146</b>
<b>CO Attainment Level</b>	<b>2.29</b>	<b>2.3</b>	<b>2.31</b>	<b>2.24</b>	<b>2.23</b>	<b>2.35</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
<b>CO1</b>	1	1		2	2	2		3		3	3	1
<b>CO2</b>	2	3	3	1		2	1	2	3	2	3	
<b>CO3</b>	3		2	3	2	3	2	3	2	1	1	3
<b>CO4</b>		1	1	1	1		1			2		2

CO5	1	2	3			1	3	2	1	1		3	3
CO6	2	1	2	2	2	2		3	3			1	2
<b>Average PO Attainment</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2.6</b>	<b>2.25</b>	<b>1.8</b>		<b>2.2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>1.31</b>	<b>1.16</b>	<b>1.6</b>	<b>1.31</b>	<b>1.27</b>	<b>1.45</b>	<b>1.27</b>	<b>1.89</b>	<b>1.64</b>	<b>1.31</b>		<b>1.6</b>	<b>1.6</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course : LA</b>												
<b>Class: BCA III Sem.-VI      A.Y.2020-21      Course Code:</b>												
<b>Internal Assessment</b>										<b>External Assessment</b>		
Sr. No.		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)					Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5					CO 6
1	ZF26034			5	4	5		10	24	60		
2	ZF26035		5			4	5	10	24	66		
3	ZF26036		4	5		5		10	24	53		
4	ZF26037	5	5				4	10	24	54		
5	ZF26038		4	5			5	10	24	60		
6	ZF26039		4	5			5	10	24	49		
7	ZF26040	5	4				5	10	24	49		
8	ZF26041	5				4	5	10	24	60		
9	ZF26042	5				4	5	10	24	62		

10	ZF26043	5				4	5	10	2 4	64
11	ZF26044	5				4	5	10	2 4	66
12	ZF26045		5	4	5			10	2 4	66
13	ZF26046	4		5	5			10	2 4	66
14	ZF26047	5	4				5	10	2 4	68
15	ZF26048		5	4		5		10	2 4	58
16	ZF26049		5	5	5			10	2 5	54
17	ZF26050			5	5	4		10	2 4	64
18	ZF26051	5				5	5	10	2 5	43
19	ZF26052	4				5	5	10	2 4	68
20	ZF26053	5				4	5	10	2 4	60
21	ZF26054	5				5	5	10	2 5	64
22	ZF26055		5	5	5			10	2 5	53
23	ZF26056		5	4	5			10	2 4	51
24	ZF26057		4	5	5			10	2 4	58
25	ZF26058	4	5				5	10	2 4	53
26	ZF26059			5	4	5		10	2 4	62
27	ZF26060	4				5	5	10	2 4	51
28	ZF26061	5				4	5	10	2 4	53
29	ZF26062			5	5	5		10	2 5	56
30	ZF26063	5	4		5			10	2 4	45
31	ZF26064		5		5	5		10	2 5	56
32	ZF26065		5		4		5	10	2 4	36
33	ZF26066		4		5	5		10	2 4	53
34	ZF26067		5		5	4		10	2 4	62

35	ZF26068			5	5	5		10	2 5	51
36	ZF26069	5				5	5	10	2 5	58
37	ZF26070	5				5	4	10	2 4	54
38	ZF26071		5			4	5	10	2 4	51
39	ZF26072		5		5		4	10	2 4	56
40	ZF26073		5	5		4		10	2 4	54
41	ZF26074		5	4	5			10	2 4	64
42	ZF26075		5	5	4			10	2 5	45
43	ZF26076	4		5	5			10	2 4	53
44	ZF26077	5			5		5	10	2 5	58
45	ZF26078	5			5		4	10	2 4	64
46	ZF26079	4				5	5	10	2 4	47
47	ZF26080		5	5		4		10	2 4	54
48	ZF26081		5		5		4	10	2 4	54
49	ZF26082		4			5	5	10	2 4	64
50	ZF26083	5		5	5			10	2 5	62
51	ZF26084	5		5		5		10	2 5	60
52	ZF26085	5	5		5			10	2 5	68
53	ZF26086	5	5		5			10	2 5	51
54	ZF26087	5		5		5		10	2 5	47
55	ZF26088	5		5	5			10	2 5	54
56	ZF26089				5	5	5	10	2 5	62
57	ZF26090				5	5	5	10	2 5	41
58	ZF26091	5	5	4				10	2 4	56
59	ZF26092		4		5		5	10	2 4	64

60	ZF26093	4	5	5				10	2 4	56
61	ZF26094		4		5		5	10	2 4	53
62	ZF26095	5		5		4		10	2 4	62
63	ZF26096				4	5	5	10	2 4	68
64	ZF26097		5		5		4	10	2 4	56
65	ZF26098	4	5	5				10	2 4	62
66	ZF26099	5	5	4				10	2 4	62
67	ZF26100		4		5		5	10	2 4	64
68	ZF26101				4	5	5	10	2 4	43
69	ZF26102				5	5	4	10	2 4	45
70	ZF26103				5	4	5	10	2 4	62
71	ZF26104				4	5	5	10	2 4	47
72	ZF26105				5	4	5	10	2 4	47
73	ZF26106	5		4		5		10	2 4	56
74	ZF26107	4		5	5			10	2 4	58
75	ZF26108	5	5		4			10	2 4	62
76	ZF26109	4	5		5			10	2 4	62
77	ZF26110	5		5		4		10	2 4	62
78	ZF26111	5		4		5		10	2 4	62
79	ZF26112				5	4	5	10	2 4	66
80	ZF26113	5		5		5		10	2 5	66
81	ZF26114	5	5	5				10	2 5	66
82	ZF26115	5	5	5				10	2 5	56
83	ZF26116		5		5		5	10	2 5	47
84	ZF26117			5		5	4	10	2 4	51

85	ZF26118		4		5		5	10	2 4	41
86	ZF26119	5	5	4				10	2 4	62
87	ZF26120	4		5		5		10	2 4	60
88	ZF26121	5		4		5		10	2 4	62
89	ZF26122	4		5		5		10	2 4	58
90	ZF26123	5		5		4		10	2 4	64
91	ZF26124	5	4			5		10	2 4	49
92	ZF26125	5	5			5		10	2 5	64
93	ZF26126	5	5			5		10	2 5	62
94	ZF26127	5	5			5		10	2 5	47
95	ZF26128	5		4		5		10	2 4	66
96	ZF26129		5	5		4		10	2 5	60
97	ZF26130	5	5			4		10	2 4	66
98	ZF26131	4	5			5		10	2 4	56
99	ZF26132	5	5			4		10	2 4	64
100	ZF26133	5		5		4		10	2 4	54
101	ZF26134			5	5		4	10	2 4	60
102	ZF26135			5	4		5	10	2 4	56
103	ZF26136			5	5		5	10	2 5	41
104	ZF26137	5			5	5		10	2 5	47
105	ZF26138	5		5	5			10	2 5	66
106	ZF26139	5	5			5		10	2 5	54
107	ZF26140		5	5			5	10	2 5	62
108	ZF26141		5	5			4	10	2 4	66
109	ZF26142		5			4	5	10	2 4	41



110	ZF26143		5	4			5	10	2 4	56	
111	ZF26144			5	4		5	10	2 4	58	
112	ZF26145			5	4		5	10	2 4	66	
113	ZF26146				5	5	4	10	2 4	62	
114	ZF26147				5	5	5	10	2 5	64	
115	ZF26148				5	4	5	10	2 4	58	
116	ZF26149	5					4	5	10	2 4	60
117	ZF26150	5	5				4		10	2 4	53
118	ZF26151	4	5				5		10	2 4	51
119	ZF26152	5	5				5		10	2 5	68
120	ZF26153	5		5				5	10	2 5	60
121	ZF26154	5		4				5	10	2 4	51
122	ZF26155			5	4			5	10	2 4	62
123	ZF26156				5	4		5	10	2 4	68
124	ZF26157			4	5			5	10	2 4	53
125	ZF26158				5	4		5	10	2 4	53
126	ZF26159			5	5			4	10	2 4	54
127	ZF26160		4				5	5	10	2 4	56
128	ZF26161		5	4				5	10	2 4	60
129	ZF26162	4	5				5		10	2 4	38
130	ZF26163	5	5	5					10	2 5	39
131	ZF26164	5	4				5		10	2 5	43
132	ZF26165	5	5				5		10	2 5	53
133	ZF26166		5				4	5	10	2 4	54
134	ZF26167			4	5			5	10	2 4	66

135	ZF26168				5	4	5	10	2 4	53
136	ZF26169			4	5		5	10	2 4	51
137	ZF26170	5		5	4			10	2 4	58
138	ZF26171	4	5	5				10	2 4	66
139	ZF26172		4	5			5	10	2 4	69
140	ZF26173		5			5	4	10	2 4	62
141	ZF26174	4			5		5	10	2 4	66
142	ZF26175	5		4		5		10	2 4	68
143	ZF26176		5			4	5	10	2 4	62
144	ZF26177		5		4	5		10	2 4	56
145	ZF26178	5		4			5	10	2 4	53
146	ZF26179	4		5		4		10	2 3	64
<b>No. of Students Attempted</b>		<b>75</b>	<b>72</b>	<b>69</b>	<b>66</b>	<b>82</b>	<b>74</b>	<b>146</b>	<b>1 4 6</b>	<b>146</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>53</b>	<b>48</b>	<b>50</b>	<b>44</b>	<b>56</b>	<b>49</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>70 .6 7</b>	<b>66 .6 7</b>	<b>72 .4 6</b>	<b>66 .6 7</b>	<b>68 .2 9</b>	<b>66 .2 2</b>			<b>68.49</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 25</b>	<b>2. 26</b>	<b>2. 29</b>	<b>2. 25</b>	<b>2. 32</b>	<b>2. 34</b>			
<b>Total CO Attainment</b>		<b>2. 03</b>	<b>2. 03</b>	<b>2. 03</b>	<b>2. 03</b>	<b>2. 03</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.18

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	31	32	31	33	30	28
Level 2	47	44	42	43	40	41
Level 3	68	70	73	70	76	77
Total no. of students participated	146	146	146	146	146	146
CO Attainment Level	2.25	2.26	2.29	2.25	2.32	2.34

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	3	3	1	3	2		3	3	2	3		1
CO2	2	3	3	2	3	2	2	2	3	2	3	3
CO3		2	1	3	2	1		3	1	1	1	
CO4	2	1	2	2	1	2	3	2	2	3		1
CO5	3	2		2		3	2		3	2	2	3
CO6	2	3	2	1	2	2	1	3			3	2
Average PO Attainment	2.4	2.33	1.8	2.17	2	2	2.2	2.6	2.2	2.2	2.25	2
PO's Attainment at Course Level	1.74	1.69	1.31	1.58	1.45	1.45	1.6	1.89	1.6	1.6	1.64	1.45

Computation of CO Direct Attainment										
Course : ST										
Class: BCA III Sem.-VI      A.Y. 2020-21      Course Code:										
Internal Assessment									External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF26034			5	4	5		10	24	64
2	ZF26035	5	5			4		10	24	68
3	ZF26036		4	5		5		10	24	73
4	ZF26037	5	5				4	10	24	73
5	ZF26038			5		4	5	10	24	62
6	ZF26039		4	5			5	10	24	69
7	ZF26040	5				4	5	10	24	64
8	ZF26041	5				4	5	10	24	62
9	ZF26042	5	4	5				10	24	73
10	ZF26043	5	4				5	10	24	69
11	ZF26044	5				4	5	10	24	68
12	ZF26045			4	5	5		10	24	71
13	ZF26046			5	5	4		10	24	73
14	ZF26047	5				4	5	10	24	73
15	ZF26048			4	5	5		10	24	71
16	ZF26049		5	5	4			10	24	62
17	ZF26050		4	5	5			10	24	69

18	ZF26051	5	5				4	10	2 4	73
19	ZF26052	4	5				5	10	2 4	73
20	ZF26053	5	4				5	10	2 4	73
21	ZF26054	5	5				4	10	2 4	68
22	ZF26055		5	4	5			10	2 4	71
23	ZF26056	4			5	5		10	2 4	56
24	ZF26057			5	5	4		10	2 4	75
25	ZF26058	4				5	5	10	2 4	64
26	ZF26059			5	4	5		10	2 4	69
27	ZF26060	4				5	5	10	2 4	71
28	ZF26061	5				4	5	10	2 4	71
29	ZF26062			5	5	4		10	2 4	60
30	ZF26063	5		5	5			10	2 5	56
31	ZF26064		5		5	5		10	2 5	69
32	ZF26065		5		5	5		10	2 5	54
33	ZF26066		5		5	5		10	2 5	73
34	ZF26067		5		5	4		10	2 4	66
35	ZF26068			5	4	5		10	2 4	69
36	ZF26069	4		5		5		10	2 4	69
37	ZF26070	5		4		5		10	2 4	68
38	ZF26071			5		5	5	10	2 5	58
39	ZF26072			5	5		5	10	2 4	60
40	ZF26073			5		5	5	10	2 5	71
41	ZF26074		4		5		5	10	2 4	68
42	ZF26075		5		4		5	10	2 4	38

43	ZF26076		5		5		4	10	2 4	68
44	ZF26077	5	5		5			10	2 4	71
45	ZF26078	5	4		5			10	2 4	66
46	ZF26079		5			5	4	10	2 4	73
47	ZF26080			5		4	5	10	2 4	69
48	ZF26081			4	5		5	10	2 4	66
49	ZF26082			5		5	5	10	2 5	71
50	ZF26083	5		5	4			10	2 4	69
51	ZF26084	5	4			5		10	2 4	64
52	ZF26085	4	5		5			10	2 4	75
53	ZF26086	5		5	4			10	2 4	75
54	ZF26087	5		4	5			10	2 4	64
55	ZF26088	5		5	4			10	2 4	66
56	ZF26089				5	4	5	10	2 4	64
57	ZF26090				5	5	4	10	2 4	68
58	ZF26091	5		4		5		10	2 4	64
59	ZF26092				5	4	5	10	2 4	73
60	ZF26093	4		5		5		10	2 4	71
61	ZF26094		4		5		5	10	2 4	68
62	ZF26095	5	4	5				10	2 4	75
63	ZF26096		5		4		5	10	2 5	73
64	ZF26097		5		5		4	10	2 4	66
65	ZF26098	4		5		5		10	2 4	68
66	ZF26099	5		4		5		10	2 4	71
67	ZF26100				5	4	5	10	2 4	66

68	ZF26101				4	5	5	10	2 4	56
69	ZF26102		5		5		4	10	2 4	71
70	ZF26103		4		5		5	10	2 4	69
71	ZF26104		5		5		5	10	2 5	56
72	ZF26105		4		5		5	10	2 4	56
73	ZF26106	5		5		5		10	2 5	69
74	ZF26107	4		5		5		10	2 4	69
75	ZF26108	5		5		4		10	2 5	66
76	ZF26109		4	5		5		10	2 4	64
77	ZF26110		5	5		4		10	2 4	66
78	ZF26111	5		4		5		10	2 4	62
79	ZF26112		4		5		5	10	2 4	73
80	ZF26113	5	5	4				10	2 4	68
81	ZF26114	5	4	5				10	2 4	75
82	ZF26115	5		4		5		10	2 4	68
83	ZF26116				5	4	5	10	2 4	68
84	ZF26117				5	5	4	10	2 4	58
85	ZF26118				5	4	5	10	2 4	64
86	ZF26119	5		4		5		10	2 4	73
87	ZF26120	4		5		5		10	2 4	58
88	ZF26121	5		4		5		10	2 4	66
89	ZF26122		5	5			4	10	2 4	73
90	ZF26123		5		5		5	10	2 5	69
91	ZF26124		5		5		5	10	2 5	68
92	ZF26125		5	5			5	10	2 5	68

93	ZF26126			5		5	5	10	2 5	73
94	ZF26127	5		5		4		10	2 4	58
95	ZF26128	5		4	5			10	2 4	69
96	ZF26129	5	5			4		10	2 4	64
97	ZF26130		5	5		4		10	2 4	69
98	ZF26131		4	5		5		10	2 4	66
99	ZF26132	5	5			5		10	2 5	73
100	ZF26133	5	5			4		10	2 4	69
101	ZF26134		5		5		4	10	2 4	73
102	ZF26135			5	5		5	10	2 5	71
103	ZF26136			5	4		5	10	2 4	58
104	ZF26137				5	5	4	10	2 4	64
105	ZF26138			5	5		5	10	2 5	68
106	ZF26139	5	5			5		10	2 5	69
107	ZF26140	5		5			5	10	2 5	66
108	ZF26141	4		5			5	10	2 4	69
109	ZF26142	5	5			4		10	2 4	66
110	ZF26143		5	4	5			10	2 4	64
111	ZF26144		4	5	5			10	2 4	66
112	ZF26145	5	4	5				10	2 4	73
113	ZF26146	4			5	5		10	2 4	66
114	ZF26147	5			5		5	10	2 5	73
115	ZF26148	5		5		5		10	2 5	66
116	ZF26149				5	5	5	10	2 5	73
117	ZF26150	5			5	5		10	2 5	64



118	ZF26151	5	4				5	10	2 4	54
119	ZF26152	4	5			5		10	2 4	73
120	ZF26153		4	5			5	10	2 4	58
121	ZF26154			4	5		5	10	2 4	58
122	ZF26155	5	4	5				10	2 4	69
123	ZF26156	5	5			4		10	2 4	68
124	ZF26157	5		4	5			10	2 4	60
125	ZF26158	5				4	5	10	2 4	68
126	ZF26159	4		5	5			10	2 4	62
127	ZF26160		4			5	5	10	2 4	71
128	ZF26161		5	4			5	10	2 4	71
129	ZF26162		5		4	5		10	2 4	60
130	ZF26163	5		5	5			10	2 5	66
131	ZF26164		4		5	5		10	2 4	49
132	ZF26165		5			5	5	10	2 5	69
133	ZF26166				5	4	5	10	2 4	73
134	ZF26167			4	5		5	10	2 4	75
135	ZF26168	5				4	5	10	2 4	58
136	ZF26169	5		4			5	10	2 4	71
137	ZF26170	4	5	5				10	2 4	68
138	ZF26171		4	5	5			10	2 4	73
139	ZF26172			5	4		5	10	2 4	73
140	ZF26173				5	5	4	10	2 4	73
141	ZF26174	4				5	5	10	2 4	66
142	ZF26175	5		4	5			10	2 4	73

143	ZF26176		5			5	5	10	2	66
144	ZF26177		5			5	4	10	2	71
145	ZF26178	5		4			5	10	2	60
146	ZF26179	4		5		5		10	2	64
<b>No. of Students Attempted</b>		<b>71</b>	<b>67</b>	<b>76</b>	<b>71</b>	<b>81</b>	<b>72</b>	<b>146</b>	<b>1</b>	<b>146</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>50</b>	<b>44</b>	<b>55</b>	<b>48</b>	<b>53</b>	<b>50</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										100
<b>% of students secured &gt;= Threshold marks</b>		<b>70</b>	<b>65</b>	<b>72</b>	<b>67</b>	<b>65</b>	<b>69</b>			<b>68.49</b>
		<b>.4</b>	<b>.6</b>	<b>.3</b>	<b>.6</b>	<b>.4</b>	<b>.4</b>			
		<b>2</b>	<b>7</b>	<b>7</b>	<b>1</b>	<b>3</b>	<b>4</b>			
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>			
		<b>31</b>	<b>32</b>	<b>34</b>	<b>31</b>	<b>37</b>	<b>39</b>			
<b>Total CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>			
		<b>03</b>	<b>03</b>	<b>03</b>	<b>03</b>	<b>04</b>	<b>93</b>			
<b>Average CO Attainment</b>										2.18

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>27</b>	<b>28</b>	<b>27</b>	<b>29</b>	<b>26</b>	<b>24</b>
<b>Level 2</b>	<b>47</b>	<b>44</b>	<b>42</b>	<b>43</b>	<b>40</b>	<b>41</b>
<b>Level 3</b>	<b>72</b>	<b>74</b>	<b>77</b>	<b>74</b>	<b>80</b>	<b>81</b>

Total no. of students participated	146	146	146	146	146	146
CO Attainment Level	2.31	2.32	2.34	2.31	2.37	2.39

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	3	1	2	1	3	2	1	3	2	1
CO2	3		2	2		2		1		1		2
CO3		2	1		2		2	3	2	2	1	2
CO4	2	1	3	1	1		1	2	3	3	3	
CO5	3	3	2	3	3	2	3		2		2	1
CO6	1	2		2	1	3	2	2	1			2
Average PO Attainment	2.2	2	2.2	1.8	1.8	2	2.2	2	1.8	2.25	2	1.6
PO's Attainment at Course Level	1.6	1.45	1.6	1.31	1.31	1.45	1.6	1.45	1.31	1.64	1.45	1.16

Computation of CO Direct Attainment										
Course : ELE 4										
Class: BCA III Sem.-VI      A.Y.2020-21      Couse Code:										
Internal Assessment										External Assessment
Sr. No.	Test-I (15) (Any three)						Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75

	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZF26034			5	4	5		10	2 4	43
2	ZF26035		5	5			4	10	2 4	64
3	ZF26036			5	4	5		10	2 4	41
4	ZF26037	5				5	4	10	2 4	49
5	ZF26038	5				5	5	10	2 5	56
6	ZF26039	5		4	5			10	2 4	41
7	ZF26040		5	4			5	10	2 4	34
8	ZF26041		5	4	5			10	2 4	51
9	ZF26042	5			5	4		10	2 4	66
10	ZF26043	5	5		5			10	2 5	34
11	ZF26044	5	4				5	10	2 4	64
12	ZF26045		5	4	5			10	2 4	62
13	ZF26046			5	5	4		10	2 4	49
14	ZF26047	5				5	5	10	2 5	49
15	ZF26048			4	5	5		10	2 4	58
16	ZF26049		5	5			5	10	2 5	58
17	ZF26050		5	5		4		10	2 4	49
18	ZF26051	5			5		4	10	2 4	58
19	ZF26052	4			5		5	10	2 4	56
20	ZF26053	5				4	5	10	2 4	43
21	ZF26054	5	5				4	10	2 4	62
22	ZF26055		5	4	5			10	2 4	39
23	ZF26056		5	5		5		10	2 5	36
24	ZF26057			5	5	5		10	2 5	66

25	ZF26058	5				5	5	10	2 5	53
26	ZF26059		5	5	5			10	2 5	51
27	ZF26060	4	5				5	10	2 4	49
28	ZF26061	5				4	5	10	2 4	49
29	ZF26062			5	5	4		10	2 4	32
30	ZF26063	5		5	4			10	2 4	43
31	ZF26064			5	5	4		10	2 4	49
32	ZF26065		5		5		4	10	2 4	30
33	ZF26066		5	5			4	10	2 4	51
34	ZF26067	5			5	4		10	2 4	53
35	ZF26068		5		4	5		10	2 4	34
36	ZF26069	4		5			5	10	2 4	54
37	ZF26070	5		4			5	10	2 4	39
38	ZF26071		5	5			5	10	2 5	36
39	ZF26072	5		5	4			10	2 4	54
40	ZF26073	5	5			5		10	2 5	47
41	ZF26074	5	4		5			10	2 4	64
42	ZF26075	5	5		4			10	2 4	30
43	ZF26076			5	5		4	10	2 4	36
44	ZF26077		5	5			4	10	2 4	64
45	ZF26078	5		4	5			10	2 4	49
46	ZF26079			5		5	5	10	2 5	41
47	ZF26080		5			4	5	10	2 4	58
48	ZF26081	5	5		5			10	2 5	62
49	ZF26082	5	4			5		10	2 4	60

50	ZF26083			5	4		5	10	2 4	58
51	ZF26084	5		4		5		10	2 4	43
52	ZF26085		5		5		5	10	2 5	66
53	ZF26086		5		5		5	10	2 5	43
54	ZF26087	5		5	5			10	2 5	36
55	ZF26088	5	5	5				10	2 5	45
56	ZF26089		5			5	5	10	2 5	45
57	ZF26090				5	5	4	10	2 5	38
58	ZF26091	5	5	5				10	2 5	51
59	ZF26092				5	4	5	10	2 4	38
60	ZF26093	4	5	5				10	2 4	49
61	ZF26094		4		5		5	10	2 4	49
62	ZF26095	5	4	5				10	2 4	68
63	ZF26096		5		4		5	10	2 4	62
64	ZF26097				5	5	4	10	2 4	43
65	ZF26098	4		5		5		10	2 4	58
66	ZF26099	5	5	4				10	2 4	45
67	ZF26100				5	4	5	10	2 4	68
68	ZF26101		5		4		5	10	2 4	39
69	ZF26102		5		5		4	10	2 4	43
70	ZF26103	5	4	5				10	2 4	69
71	ZF26104				5	5	4	10	2 4	30
72	ZF26105				5	4	5	10	2 4	36
73	ZF26106	5		5		4		10	2 4	39
74	ZF26107			5	5		5	10	2 5	60

75	ZF26108	5	5			4		10	2 4	45
76	ZF26109	4	5			5		10	2 4	43
77	ZF26110			5		4	5	10	2 4	41
78	ZF26111	5	5	4				10	2 4	43
79	ZF26112		5		5		5	10	2 5	64
80	ZF26113	5	5	4				10	2 4	64
81	ZF26114	5	5	5				10	2 5	68
82	ZF26115	5		4		5		10	2 4	45
83	ZF26116				5	4	5	10	2 4	32
84	ZF26117	5	5				4	10	2 4	54
85	ZF26118				5	4	5	10	2 4	30
86	ZF26119	5		5		5		10	2 5	53
87	ZF26120	4		5	5			10	2 4	53
88	ZF26121		5			5	4	10	2 4	43
89	ZF26122		4		5		5	10	2 4	68
90	ZF26123		5	5	4			10	2 4	53
91	ZF26124	5		5		4		10	2 4	49
92	ZF26125	5		5		5		10	2 5	62
93	ZF26126	5	5				4	10	2 4	60
94	ZF26127	5	5				4	10	2 4	41
95	ZF26128			4	5		5	10	2 4	60
96	ZF26129			5	5	5		10	2 5	62
97	ZF26130		5		5	4		10	2 4	62
98	ZF26131	5		5		5		10	2 5	41
99	ZF26132	5	5				4	10	2 4	58

100	ZF26133	5	5			4		10	2 4	47
101	ZF26134		5		5		4	10	2 4	60
102	ZF26135			5	5		4	10	2 4	51
103	ZF26136			5	4		5	10	2 4	36
104	ZF26137		4		5	5		10	2 4	32
105	ZF26138	5	4	5				10	2 4	54
106	ZF26139	5				5	4	10	2 4	51
107	ZF26140		5	5			4	10	2 4	43
108	ZF26141	5		5			4	10	2 5	56
109	ZF26142	5	5			4		10	2 4	38
110	ZF26143			4	5		5	10	2 4	56
111	ZF26144	5	5			4		10	2 4	43
112	ZF26145	5		5	4			10	2 4	54
113	ZF26146				5	5	4	10	2 4	43
114	ZF26147	5				5	5	10	2 5	66
115	ZF26148	5	5				4	10	2 4	62
116	ZF26149	5	5	4				10	2 4	43
117	ZF26150			4	5	5		10	2 4	43
118	ZF26151			5	4	5		10	2 4	47
119	ZF26152				5	5	5	10	2 5	60
120	ZF26153		4	5			5	10	2 4	47
121	ZF26154	5	5	5				10	2 5	32
122	ZF26155	5		5	4			10	2 4	56
123	ZF26156	5			5	4		10	2 4	54
124	ZF26157	5		4	5			10	2 4	47



125	ZF26158		5			4	5	10	2 4	45
126	ZF26159		5	5			4	10	2 4	41
127	ZF26160		4			5	5	10	2 4	66
128	ZF26161	5		4	5			10	2 4	49
129	ZF26162	4	5			5		10	2 4	34
130	ZF26163	5	5	5				10	2 5	39
131	ZF26164				4	5	5	10	2 4	30
132	ZF26165				5	5	5	10	2 5	45
133	ZF26166		5		5	4		10	2 4	62
134	ZF26167	5	5	4				10	2 4	51
135	ZF26168		5		5	4		10	2 4	32
136	ZF26169	5		4			5	10	2 4	41
137	ZF26170	4		5			5	10	2 4	56
138	ZF26171		5		5		4	10	2 4	64
139	ZF26172	5		5	4			10	2 4	68
140	ZF26173	4			5	5		10	2 4	56
141	ZF26174	5				5	5	10	2 5	64
142	ZF26175		5	4	5			10	2 4	66
143	ZF26176		5			5	5	10	2 5	43
144	ZF26177	5			5	4		10	2 4	39
145	ZF26178		5	4			5	10	2 4	38
146	ZF26179	4		5		5		10	2 4	64
<b>No. of Students Attempted</b>		<b>75</b>	<b>74</b>	<b>76</b>	<b>73</b>	<b>68</b>	<b>72</b>	<b>146</b>	<b>1 4 6</b>	<b>146</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>52</b>	<b>53</b>	<b>49</b>	<b>48</b>	<b>48</b>	<b>50</b>			

In External Assessment No. of Students Secured > =Threshold marks (50%=25 Marks)												100
% of students secured >= Threshold marks	69 .3 3	71 .6 2	64 .4 7	65 .7 5	70 .5 9	69 .4 4						68.49
Attainment Level	2	2	2	2	2	2						2
Direct CO Attainment	2	2	2	2	2	2						
Indirect CO Attainment Level	2. 29	2. 28	2. 32	2. 29	2. 33	2. 35						
Total CO Attainment	2. 03	2. 03	2. 03	2. 03	2. 03	2. 93						
Average CO Attainment												2.18

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	29	31	29	33	30	28
Level 2	46	43	41	43	38	39
Level 3	71	72	76	72	78	79
Total no. of students participated	146	146	146	146	146	146
CO Attainment Level	2.29	2.28	2.32	2.29	2.33	2.35

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	1	3	2	1	3	1	3	2	1	

CO2		1		1		2	1	3	3	1	2	3
CO3	2	3	2	2	1	2	2	2	2	2	1	1
CO4	1	2	3	3	3		1	1		3	2	
CO5	3		2		2	1	2		1	3		1
CO6	2	2	1			2		2	2		3	3
<b>Average PO Attainment</b>	<b>2.2</b>	<b>2</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>2.2</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.6</b>	<b>1.45</b>	<b>1.31</b>	<b>1.64</b>	<b>1.45</b>	<b>1.16</b>	<b>1.31</b>	<b>1.31</b>	<b>1.6</b>	<b>1.6</b>	<b>1.31</b>	<b>1.45</b>

Computation of CO Direct Attainment											
Course : SAAD											
Class: BCA III Sem:-V      A.Y. 2021-22      Course Code:											
Internal Assessment										External Assessment	
Sr. No.		Test-I (15) (Any three)						Assign ment	T ot al	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6
1	ZI3180	5			5	5		10	25	55	
2	ZI3181			5	5	5		10	25	64	
3	ZI3182	4	5	5				10	24	62	
4	ZI3183	5	5			5		10	25	56	
5	ZI3184	5	5	5				10	25	68	
6	ZI3185		5	5	5	5		10	25	55	
7	ZI3186		5		5	5	5	10	25	68	
8	ZI3187		5	5		5		10	25	66	
9	ZI3188	5	5	5				10	25	71	
10	ZI3189	4	5	5				10	24	64	
11	ZI3190	5	5	4				10	24	39	
12	ZI3191		4			5	5	10	24	58	
13	ZI3192	4		5	5			10	24	64	
14	ZI3193	4	5	5	5			10	24	66	
15	ZI3194	4	5	5	5			10	24	68	
16	ZI3195	4	5	5		5		10	24	56	
17	ZI3196	5		5	5			10	25	53	
18	ZI3197		5	5		5		10	25	56	
19	ZI3198				4	5	5	10	24	60	
20	ZI3199		5	5		5		10	25	60	
21	ZI3200	5		5	4			10	24	60	

22	ZI3201		5			5	5	10	25	41
23	ZI3202	5	4		5			10	24	47
24	ZI3203			5	5	5		10	25	60
25	ZI3204	4			5	5		10	24	34
26	ZI3205	4	5	5	5			10	24	66
27	ZI3206	5	4	5	5			10	24	68
28	ZI3207		5	5	5	5		10	25	58
29	ZI3208		5		5	5		10	25	33
30	ZI3209			5	5	5		10	25	58
31	ZI3210		5	5		5		10	25	60
32	ZI3211	5	5	5				10	25	45
33	ZI3212	5	5	5				10	25	70
34	ZI3213	5	5	5				10	25	64
35	ZI3214	5	5	5				10	25	66
36	ZI3215			5	5	5		10	25	66
37	ZI3216			5	5	5		10	25	58
38	ZI3217		5		5	5		10	25	70
39	ZI3218	5	5		5			10	25	60
40	ZI3219	5	5		5			10	25	49
41	ZI3220			5	5	5		10	25	70
42	ZI3221	5		5	5			10	25	66
43	ZI3222			5	4	5		10	24	60
44	ZI3223		5	5		4	5	10	24	66
45	ZI3224		5	5		5	5	10	25	62
46	ZI3225		4	5		5	5	10	24	58
47	ZI3226				5	5	5	10	25	64
48	ZI3227	5		4	5			10	24	55
49	ZI3228		5	5		5		10	25	66
50	ZI3229		5			4	5	10	24	53
51	ZI3230	5	5			5		10	25	58
52	ZI3231	5	5			4		10	24	38
53	ZI3232		5			5	5	10	25	73

54	ZI3233	5	5	4				10	24	68
55	ZI3234	5		4	5			10	24	70
56	ZI3235	5		4	5			10	24	64
57	ZI3236	5		5	5			10	25	64
58	ZI3237			5	5	5		10	25	58
59	ZI3238			5	5	5	5	10	25	51
60	ZI3239		5	5		4	5	10	24	55
61	ZI3240		5	5		5	5	10	25	60
62	ZI3241	5	5	4				10	24	56
63	ZI3242		5	5		5		10	25	66
64	ZI3243	5	5	5				10	25	68
65	ZI3244	5		5	5			10	25	49
66	ZI3245				5	4	5	10	24	64
67	ZI3246				5	5	5	10	25	66
68	ZI3247	5		4	5			10	24	64
69	ZI3248				5	5	5	10	25	60
70	ZI3249	5		4	5			10	24	68
71	ZI3250	5	5	4				10	24	64
72	ZI3251		5	5		5	5	10	25	70
73	ZI3252		5	5		5	5	10	25	56
74	ZI3253		5	5		5	5	10	25	47
75	ZI3254			5	4	5		10	24	68
76	ZI3255	5		5	5			10	25	53
77	ZI3256			5	4	5		10	24	39
78	ZI3257		5			5	5	10	25	66
79	ZI3258		5	5		5		10	25	53
80	ZI3259	5	5	5				10	25	62
81	ZI3260	5	5	5				10	25	60
82	ZI3261	5	5	5				10	25	56
83	ZI3262	5		5	5			10	25	64
84	ZI3263	5		5	5			10	25	49
85	ZI3475	5	5		5			10	25	45

86	ZI3264	5	5		5			10	25	49
87	ZI3265	5		5	5			10	25	62
88	ZI3266			5	5	5	5	10	25	64
89	ZI3267			5	5	5	5	10	25	62
90	ZI3268		5			5	5	10	25	47
91	ZI3269		5			5	5	10	25	55
92	ZI3270		5			5	5	10	25	66
93	ZI3271		5	5	5	5	5	10	25	68
94	ZI3476		5	5	5	5	5	10	25	41
95	ZI3272			5	5	5	5	10	25	62
96	ZI3273	4		4	4			10	22	AA
97	ZI3274				5	4	5	10	24	53
98	ZI3275			5	5	5		10	25	58
99	ZI3276	5		4	5	5		10	24	60
100	ZI3277	5		4	5	5		10	24	49
101	ZI3278		5			4	5	10	25	64
102	ZI3279		4	5		5		10	24	56
103	ZI3280		5	5		5		10	25	49
104	ZI3281	5		4	5	5		10	24	45
105	ZI3282				5	5	5	10	25	62
106	ZI3283	5		5	5	4		10	25	47
107	ZI3284			5	5	5		10	25	64
108	ZI3285		5	5		5		10	25	55
109	ZI3286		5	5		5		10	25	39
110	ZI3287	5	5	5		5		10	25	45
111	ZI3288	5	5	5		4		10	25	58
112	ZI3289	5		5	5	5		10	25	68
113	ZI3290	5		5	5	5		10	25	62
114	ZI3291	5		5	5	5		10	25	62
115	ZI3292	5	5	5		5		10	25	68
116	ZI3293	5	5	5		4		10	25	49
117	ZI3294	5	5	5				10	25	36

118	ZI3295	5		5	5			10	25	45
119	ZI3296				5	4	5	10	24	58
120	ZI3297			5	5	5		10	25	53
121	ZI3298			5	5	4	5	10	24	58
122	ZI3299		5	5		4	5	10	24	58
123	ZI3300		5	5		5	5	10	25	60
124	ZI3301		5			5	5	10	25	60
125	ZI3302	5			5		5	10	25	71
126	ZI3303	5		5	5		5	10	25	66
127	ZI3304	5		5	5		5	10	25	70
128	ZI3305		5	5		5	5	10	25	60
129	ZI3306		5			5	5	10	25	68
130	ZI3307		5			5	5	10	25	64
131	ZI3308	5	5	5				10	25	62
132	ZI3309			5	4	5		10	24	62
133	ZI3310			5	5	5	5	10	25	68
134	ZI3311			5	5	5	5	10	25	49
135	ZI3312	5		5	5		5	10	25	49
136	ZI3313	5	5	5				10	25	68
137	ZI3314		5	5		5		10	25	66
138	ZI3315		5			4	5	10	24	64
139	ZI3316				5	5	5	10	25	47
140	ZI3317	5		4	5			10	24	65
141	ZI3318	5		4	5			10	24	52
142	ZI3319	5	5	4				10	24	66
143	ZI3320	5	5	5				10	24	58
144	ZI3321		5	5		5	5	10	25	43
145	ZI3322			5	5	5	5	10	25	51
146	ZI3323	5				5	5	10	25	56
147	ZI3324			5	4	5		10	24	68
148	ZI3325			5	5	5		10	25	64
149	ZI3326			5	5	5		10	25	68



150	ZI3327	5		4	5			10	24	56
151	ZI3328				5	4	5	10	24	60
152	ZI3329				5	4	5	10	24	56
153	ZI3330	5		5	5			10	25	70
154	ZI3331		5	5		5	5	10	25	64
155	ZI3332		5	5		5	5	10	25	55
156	ZI3333		5	5		5	5	10	25	60
157	ZI3334		5			5	5	10	25	64
158	ZI3335	5			5	5		10	25	71
159	ZI3336	5			5	5		10	25	56
160	ZI3337	5		5	5	5		10	25	53
161	ZI3338			5	5	5	5	10	25	55
162	ZI3339			5	5	5	5	10	25	55
163	ZI3340			5	5	5		10	25	60
164	ZI3341		5	5		5		10	25	68
165	ZI3342		5	5		5		10	25	56
166	ZI3343		5			4	5	10	24	58
167	ZI3344		5			4	5	10	24	51
168	ZI3345				5	4	5	10	24	62
169	ZI3346	5			5		5	10	25	36
170	ZI3347			5		5	5	10	25	70
171	ZI3348		5		5	5		10	25	60
172	ZI3349	5	5		5			10	25	56
173	ZI3350		5		5	5		10	25	64
174	ZI3351			5		5	5	10	25	66
175	ZI3352	5			5	5		10	25	60
176	ZI3353			5		5	5	10	25	56
177	ZI3354			4	5		5	10	24	64
178	ZI3355			4	5	5	5	10	24	58
179	ZI3356			4	5	5	5	10	24	70
180	ZI3357			4	5	5	5	10	24	62
181	ZI3358		5	4			5	10	24	51

182	ZI3359		5	4			5	10	24	60
183	ZI3360		5			5	5	10	25	62
184	ZI3477				5	5	5	10	25	2
185	ZI3361				5	5	5	10	25	66
186	ZI3362	4	5	5		5		10	24	53
187	ZI3363		5	4	5		5	10	24	66
188	ZI3364	4	5	5		5		10	24	55
189	ZI3365	4		5		5		10	24	60
190	ZI3366			4	5	5	5	10	24	62
191	ZI3367	5		5		5		10	24	58
192	ZI3368	5	5		5	5		10	25	53
193	ZI3369	5	5		5			10	25	60
194	ZI3370	5	5		5			10	25	70
195	ZI3371			5	5		5	10	25	47
196	ZI3372			5	5		5	10	25	62
197	ZI3373	5	5	5				10	25	70
198	ZI3374	5		5	5			10	25	70
199	ZI3375				5	5	5	10	25	68
200	ZI3376	4	5			5		10	24	64
201	ZI3377		5	5	5		5	10	25	64
202	ZI3378	4	5	5		5		10	24	62
203	ZI3379		5		5	5	5	10	25	68
204	ZI3380	4		5		5		10	24	41
205	ZI3381	5	5	5				10	25	55
206	ZI3382		5	4			5	10	24	66
207	ZI3383		5			5	5	10	25	51
208	ZI3384		5			5	5	10	25	58
209	ZI3385			5		5	5	10	25	62
210	ZI3386	5			5	5		10	25	60
211	ZI3387	5	5		5		5	10	25	66
212	ZI3388		5		5	5	5	10	25	68
213	ZI3389		5		5	5	5	10	25	60

214	ZI3390	4		5		5		10	24	62
215	ZI3391		5	5	5		5	10	25	66
216	ZI3392	4	5	5		5		10	24	49
217	ZI3393		5		5	5	5	10	25	58
218	ZI3394	4		5		5		10	24	68
219	ZI3395	4	5			5		10	24	60
220	ZI3396	4	5			5		10	24	70
221	ZI3397	4		5		5		10	25	51
222	ZI3398				5	5	5	10	25	58
223	ZI3399	5		5	5			10	25	53
224	ZI3400	4		5		5		10	24	62
225	ZI3401	4	5	5		3		10	22	AA
226	ZI3402		5	5	5	5		10	25	49
227	ZI3403		5		5		5	10	24	64
228	ZI3404		4		5		5	10	24	68
229	ZI3405				5	5	5	10	25	70
230	ZI3406	4		5		5		10	24	30
231	ZI3407	4		5		5		10	24	58
232	ZI3408	5		5	5	5		10	25	53
233	ZI3409	5		5	5	5		10	25	70
234	ZI3410	5	5		5	5	5	10	25	70
235	ZI3411		5		5	5	5	10	25	55
236	ZI3412		5		5	5	5	10	25	62
237	ZI3413		5		5	5		10	25	68
238	ZI3414		5	5	5	5		10	25	62
239	ZI3415		5	5	5	5		10	25	60
240	ZI3416		5			5	5	10	25	53
241	ZI3417	4		5		5		10	24	49
242	ZI3418	5		5	5			10	25	64
243	ZI3419	5		4	5		5	10	24	64
244	ZI3420	5	5	4			5	10	24	68
245	ZI3421	5			5	5	5	10	25	56

246	ZI3422	4		5		5		10	24	70
247	ZI3423	5	5			5		10	25	62
248	ZI3424		5		5	5		10	25	53
249	ZI3425		4		5	5	5	10	24	70
250	ZI3426	5		5	5	5		10	25	58
251	ZI3427	5		5	5	5		10	25	62
252	ZI3428	5	5	5				10	25	64
253	ZI3429		5			5	4	10	24	62
254	ZI3430		5			5	5	10	25	56
255	ZI3431		5		5	5	5	10	25	55
256	ZI3432	5	5		5		5	10	25	64
257	ZI3433	5	5		5		5	10	25	71
258	ZI3434		5		5	5	5	10	25	64
259	ZI3435	4	5	5		5		10	24	60
260	ZI3436	5	5	5	5			10	25	64
261	ZI3437			4	5		5	10	24	51
262	ZI3438	5	5			5	5	10	25	51
263	ZI3439	5	5	5			5	10	25	70
264	ZI3440		5	4		5	5	10	24	58
265	ZI3441	5	5	5		5	5	10	25	51
266	ZI3442	5		5	5	5	5	10	25	56
267	ZI3443	5		5	5		5	10	25	70
268	ZI3444	5	4		5		5	10	24	68
269	ZI3445	5	5		5		5	10	25	53
270	ZI3446	4	4		5		5	10	24	68
271	ZI3447	5	5	5	5	5		10	25	62
272	ZI3448	5	5	5		5		10	24	51
273	ZI3449	5	5		5	5	5	10	25	62
274	ZI3450		5			5	5	10	25	49
275	ZI3451		5			5	5	10	25	71
276	ZI3452		5			5	5	10	25	64
277	ZI3453		5			5	5	10	25	53



Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	60	62	63	68	64	64
Level 2	88	78	75	74	80	79
Level 3	150	158	160	156	154	155
Total no. of students participated	298	298	298	298	298	298
CO Attainment Level	2.3	2.32	2.33	2.3	2.3	2.31

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PO9	PO10	PO1 1	PO1 2
CO1	2	3	2	3		2	3	1	3	1	3	1
CO2			1		3	1		3	2		2	2
CO3	2	3		1	2	3	2	2	1	2	1	
CO4	3	2	2	2		1	1		2	1	2	1
CO5			3		1			1	3	2		3
CO6	1	1		1	2		2	2		3	3	2
Average PO Attainment	2	2.25	2	1.75	2	1.75	2	1.8	2.2	1.8	2.2	1.8

PO's Attainment at Course Level	1.95	2.2	1.95	1.71	1.95	1.71	1.95	1.76	2.15	1.76	2.15	1.76
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Computation of CO Direct Attainment										
Course : WEB										
Class: BCA III Sem:-V      A.Y. 2021-22      Course Code:										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZI3180	5			5	5		10	25	71
2	ZI3181			4	4	5		10	23	75
3	ZI3182	4	5	5				10	24	64
4	ZI3183	5	5			3		10	23	58
5	ZI3184	5	5	4				10	24	60
6	ZI3185		4	5		5		10	24	62
7	ZI3186				5	5	5	10	25	70
8	ZI3187			4	5	5		10	24	70
9	ZI3188	5	4	5				10	24	75
10	ZI3189	4	5	5				10	24	60
11	ZI3190	5	5	4				10	24	68
12	ZI3191				4	5	5	10	24	64
13	ZI3192	4		5	5			10	24	49

14	ZI3193	4	5		4			10	2 3	70
15	ZI3194	5	5				3	10	2 3	66
16	ZI3195	4	5			5		10	2 4	75
17	ZI3196	5		5	4			10	2 4	56
18	ZI3197	5	4			4		10	2 3	73
19	ZI3198		4			5	5	10	2 4	68
20	ZI3199			5	5		4	10	2 4	71
21	ZI3200	5		5		5		10	2 5	71
22	ZI3201	4				5	5	10	2 4	66
23	ZI3202	5		4	4			10	2 3	49
24	ZI3203			3	5	5		10	2 3	73
25	ZI3204	4	5			5		10	2 4	34
26	ZI3205	4	5	5				10	2 4	64
27	ZI3206	5	5	4				10	2 4	73
28	ZI3207		5	5			3	10	2 3	56
29	ZI3208			5	4	5		10	2 4	62
30	ZI3209			5	4	5		10	2 4	62
31	ZI3210			5	5	4		10	2 4	64
32	ZI3211			4	5	5		10	2 4	66
33	ZI3212		5		4	5		10	2 4	73
34	ZI3213		5		5	4		10	2 4	75
35	ZI3214		5		5		4	10	2 4	56
36	ZI3215		5		5		4	10	2 4	75
37	ZI3216		5		5	4		10	2 4	64
38	ZI3217		5		5	5		10	2 5	70



39	ZI3218			5	5		4	10	2 4	70
40	ZI3219			5	5	4		10	2 4	71
41	ZI3220		3		5	5		10	2 3	64
42	ZI3221	4	5		5			10	2 4	68
43	ZI3222	4		5		5		10	2 4	68
44	ZI3223	4			5		5	10	2 4	75
45	ZI3224				5	5	5	10	2 5	60
46	ZI3225		5			3	5	10	2 3	60
47	ZI3226		5			4	5	10	2 4	70
48	ZI3227	5	5	4				10	2 4	75
49	ZI3228		5	5		5		10	2 5	71
50	ZI3229		5			4	5	10	2 4	60
51	ZI3230				5	5	3	10	2 3	66
52	ZI3231				5	4	5	10	2 4	34
53	ZI3232		4			5	5	10	2 4	64
54	ZI3233	5	5	4				10	2 4	71
55	ZI3234	5	5	4				10	2 4	68
56	ZI3235	5	5	4				10	2 4	71
57	ZI3236	5		5	4			10	2 4	64
58	ZI3237			5	5	3		10	2 3	62
59	ZI3238	4			5		5	10	2 4	56
60	ZI3239		5			4	4	10	2 3	62
61	ZI3240		4			5	5	10	2 4	73
62	ZI3241	5	4	4				10	2 3	60
63	ZI3242		5	5		5		10	2 5	75

64	ZI3243	5	3	5				10	2 3	66
65	ZI3244	4		4	5			10	2 3	70
66	ZI3245				5	4	5	10	2 4	71
67	ZI3246		5			5	4	10	2 4	66
68	ZI3247	5	4	4				10	2 3	70
69	ZI3248		5			5	4	10	2 4	71
70	ZI3249	5	5	5				10	2 5	71
71	ZI3250	5		4	5			10	2 4	70
72	ZI3251				5	5	3	10	2 3	71
73	ZI3252			4	5	4		10	2 3	70
74	ZI3253	3				5	5	10	2 3	60
75	ZI3254			5	4	4		10	2 3	64
76	ZI3255	4	5		5			10	2 4	64
77	ZI3256		5		4	5		10	2 4	66
78	ZI3257				5	5	5	10	2 5	75
79	ZI3258			5	5	4		10	2 4	53
80	ZI3259	4	4	5				10	2 3	68
81	ZI3260	5	5	3				10	2 3	70
82	ZI3261	5	5	4				10	2 4	56
83	ZI3262	5	5	5				10	2 5	75
84	ZI3263	5		5	4			10	2 4	60
85	ZI3475		5		5	3		10	2 3	0
86	ZI3264		5	5			3	10	2 3	70
87	ZI3265		5		5	4		10	2 4	71
88	ZI3266			3		5	5	10	2 3	68

89	ZI3267				5	5	4	10	2 4	73
90	ZI3268		5			4	5	10	2 4	66
91	ZI3269		4			5	5	10	2 4	66
92	ZI3270		5			4	5	10	2 4	73
93	ZI3271	3	5			5		10	2 3	70
94	ZI3476				4	5	4	10	2 3	62
95	ZI3272				5	5	3	10	2 3	70
96	ZI3273	4		3	3			10	2 0	AA
97	ZI3274		5			4	4	10	2 3	70
98	ZI3275		5	5		5		10	2 5	70
99	ZI3276	5	4	4				10	2 3	75
100	ZI3277	5	5	4				10	2 4	68
101	ZI3278				5	5	4	10	2 4	75
102	ZI3279			5	4	5		10	2 4	71
103	ZI3280			5	5	4		10	2 4	60
104	ZI3281	5		3	5			10	2 3	49
105	ZI3282		5			5	4	10	2 4	73
106	ZI3283	5	3	5				10	2 3	56
107	ZI3284		5	5		3		10	2 3	71
108	ZI3285		5	5		4		10	2 4	71
109	ZI3286		4	4		5		10	2 3	73
110	ZI3287	5		5	4			10	2 4	66
111	ZI3288		5		4		5	10	2 4	56
112	ZI3289		5		5		4	10	2 4	73
113	ZI3290		4		5		5	10	2 4	71

114	ZI3291		5			4	5	10	2 4	71
115	ZI3292	5	4			5		10	2 4	71
116	ZI3293	5		5		4		10	2 4	73
117	ZI3294	5		4		5		10	2 4	70
118	ZI3295	5		5	4			10	2 4	64
119	ZI3296				5	4	4	10	2 3	64
120	ZI3297			4	5	5		10	2 4	71
121	ZI3298		4		5		5	10	2 4	64
122	ZI3299	4	4				5	10	2 3	58
123	ZI3300		5	4			5	10	2 4	75
124	ZI3301	4	5				5	10	2 4	75
125	ZI3302		4		5		5	10	2 4	68
126	ZI3303		3		5	5		10	2 3	60
127	ZI3304		5	3		5		10	2 3	62
128	ZI3305	4	5		5			10	2 4	64
129	ZI3306		5	4	5			10	2 4	71
130	ZI3307		5	4	5			10	2 4	64
131	ZI3308	5		5		3		10	2 3	68
132	ZI3309			5		5	5	10	2 5	73
133	ZI3310	3	5			5		10	2 3	71
134	ZI3311		5			5	3	10	2 3	62
135	ZI3312		5		5		3	10	2 3	73
136	ZI3313	4			5	4		10	2 3	68
137	ZI3314			4	5		4	10	2 3	73
138	ZI3315				4	4	5	10	2 3	66

139	ZI3316		5			4	5	10	2 4	66
140	ZI3317	5	4	4				10	2 3	73
141	ZI3318	4	5	4				10	2 3	60
142	ZI3319	5	4	4				10	2 3	73
143	ZI3320	5		4	5			10	2 4	53
144	ZI3321				5	4	5	10	2 4	62
145	ZI3322				5	5	3	10	2 3	70
146	ZI3323				5	5	4	10	2 4	62
147	ZI3324		4	5		4		10	2 3	71
148	ZI3325		5	5		4		10	2 4	71
149	ZI3326		4	5		5		10	2 4	71
150	ZI3327	5	5	4				10	2 4	66
151	ZI3328		5			4	4	10	2 3	60
152	ZI3329				5	4	5	10	2 4	66
153	ZI3330	5		5	5			10	2 5	71
154	ZI3331				5	5	5	10	2 5	71
155	ZI3332				5	4	5	10	2 4	64
156	ZI3333			4		5	4	10	2 3	62
157	ZI3334	4				5	5	10	2 4	68
158	ZI3335			5	5		5	10	2 5	75
159	ZI3336				5	5	5	10	2 5	70
160	ZI3337		5	4		5		10	2 4	64
161	ZI3338	4	5				5	10	2 4	58
162	ZI3339		5	4			5	10	2 4	62
163	ZI3340	4		5		5		10	2 4	66

164	ZI3341			5	5	5		10	2 5	70
165	ZI3342			5	5	3		10	2 3	73
166	ZI3343		5			4	4	10	2 3	70
167	ZI3344		4			4	5	10	2 3	47
168	ZI3345		5			4	5	10	2 4	71
169	ZI3346	4	5				5	10	2 4	56
170	ZI3347	3			5		5	10	2 3	73
171	ZI3348			3		5	5	10	2 3	71
172	ZI3349	3			5	5		10	2 3	68
173	ZI3350		5	4			5	10	2 4	75
174	ZI3351	3	5				5	10	2 3	70
175	ZI3352		5			4	5	10	2 4	73
176	ZI3353		3			5	5	10	2 3	73
177	ZI3354			4	5		5	10	2 4	73
178	ZI3355			4	5	4		10	2 3	58
179	ZI3356			4	5		4	10	2 3	75
180	ZI3357		5	4		4		10	2 3	68
181	ZI3358		5	4			5	10	2 4	73
182	ZI3359		5	4			4	10	2 3	68
183	ZI3360		5			4	5	10	2 4	62
184	ZI3477				5	5	4	10	2 4	AA
185	ZI3361				3	5	5	10	2 3	68
186	ZI3362	4		4		5		10	2 3	66
187	ZI3363			4	5		5	10	2 3	73
188	ZI3364	4	5			5		10	2 4	51

189	ZI3365	4	5			4		10	2 3	60
190	ZI3366		4		5		5	10	2 4	73
191	ZI3367	4	5		5			10	2 4	70
192	ZI3368	5	5		3			10	2 3	70
193	ZI3369	5		5		3		10	2 3	68
194	ZI3370	5		4	5			10	2 4	73
195	ZI3371	5		5	5			10	2 5	73
196	ZI3372		5		5		4	10	2 4	75
197	ZI3373		5		5	4		10	2 4	70
198	ZI3374		5	5			4	10	2 4	62
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200	ZI3376	4		4		5		10	2 3	70
201	ZI3377			4	4		5	10	2 3	64
202	ZI3378	4		5		5		10	2 4	60
203	ZI3379				5	4	5	10	2 4	64
204	ZI3380	4		5		5		10	2 4	70
205	ZI3381	5	4		5			10	2 4	68
206	ZI3382		5	4	4			10	2 3	62
207	ZI3383	4				5	5	10	2 4	73
208	ZI3384			4		5	5	10	2 4	68
209	ZI3385	4	5				5	10	2 4	71
210	ZI3386		5	3		5		10	2 3	66
211	ZI3387	4	5			5		10	2 4	73
212	ZI3388		5			5	5	10	2 5	66
213	ZI3389			4	5		5	10	2 4	64

214	ZI3390	4		5		5		10	2 4	64
215	ZI3391			5		5	4	10	2 4	62
216	ZI3392	4		5	4			10	2 3	55
217	ZI3393				5	4	5	10	2 4	71
218	ZI3394	4		5		5		10	2 4	68
219	ZI3395	4	5			4		10	2 3	71
220	ZI3396	4	5			5		10	2 4	62
221	ZI3397	4		5		5		10	2 4	66
222	ZI3398				5	5	5	10	2 5	73
223	ZI3399	5		5	4			10	2 4	62
224	ZI3400	4	4			5		10	2 3	66
225	ZI3401	4	4			2		10	2 0	AA
226	ZI3402		5		5	3		10	2 3	33
227	ZI3403			5	5		5	10	2 5	71
228	ZI3404			4	5		5	10	2 4	74
229	ZI3405				5	5	5	10	2 5	70
230	ZI3406	4		5		5		10	2 4	56
231	ZI3407	4	5			5		10	2 4	71
232	ZI3408		5		4	5		10	2 4	68
233	ZI3409		5		5	5		10	2 5	73
234	ZI3410			5	5		4	10	2 4	71
235	ZI3411	3		5		5		10	2 3	60
236	ZI3412				5	5	4	10	2 4	68
237	ZI3413	3	5			5		10	2 3	71
238	ZI3414		5			5	3	10	2 3	71



239	ZI3415	3		5	5			10	2 3	56
240	ZI3416			3	5		5	10	2 3	71
241	ZI3417	4				5	4	10	2 3	66
242	ZI3418	2						10	1 2	70
243	ZI3419			4	5		5	10	2 4	71
244	ZI3420			4	4		5	10	2 3	70
245	ZI3421				5	4	5	10	2 4	73
246	ZI3422	4	5			4		10	2 3	71
247	ZI3423	4	5			5		10	2 4	68
248	ZI3424		5		4	5		10	2 4	70
249	ZI3425		4		4		5	10	2 3	71
250	ZI3426	5	4		5			10	2 4	62
251	ZI3427	5		5	5			10	2 5	75
252	ZI3428	5		5		4		10	2 4	62
253	ZI3429				5	5	4	10	2 4	60
254	ZI3430			4	5		5	10	2 4	64
255	ZI3431	4			5		5	10	2 4	64
256	ZI3432			4		5	5	10	2 4	73
257	ZI3433	4			5		5	10	2 4	68
258	ZI3434		3		5		5	10	2 3	73
259	ZI3435	4	5			5		10	2 4	64
260	ZI3436	5	5			4		10	2 4	71
261	ZI3437			4	5		5	10	2 4	60
262	ZI3438	3			5		5	10	2 3	58
263	ZI3439			4	5		5	10	2 4	70

264	ZI3440		4		5		5	10	2 4	68
265	ZI3441	5	5			4		10	2 4	71
266	ZI3442	5	5		3			10	2 3	70
267	ZI3443	3	5		5			10	2 3	71
268	ZI3444	4	4		5			10	2 3	71
269	ZI3445		4		4		5	10	2 3	68
270	ZI3446		4		5		5	10	2 4	60
271	ZI3447			5	5	5		10	2 5	73
272	ZI3448	4		5		5		10	2 4	71
273	ZI3449			4	5		5	10	2 4	68
274	ZI3450				5	5	5	10	2 5	70
275	ZI3451	4	5				5	10	2 4	75
276	ZI3452		5	4			5	10	2 4	75
277	ZI3453	3	5				5	10	2 3	51
278	ZI3454	5	5			4		10	2 4	62
279	ZI3455	5	5	4				10	2 4	68
280	ZI3456			4	5		5	10	2 4	73
281	ZI3457			5		5	4	10	2 4	66
282	ZI3458	4		5		5		10	2 4	70
283	ZI3459	4	5			5		10	2 4	66
284	ZI3460		3		5		5	10	2 3	58
285	ZI3461	4	5			5		10	2 4	62
286	ZI3462	5	5				3	10	2 3	75
287	ZI3463	5			5	4		10	2 4	73
288	ZI3464	5			5	4		10	2 4	68

289	ZI3465	5		5			4	10	2 4	71
290	ZI3466	5			5	4		10	2 4	71
291	ZI3467		5			4	4	10	2 3	60
292	ZI3468		5	4			5	10	2 4	56
293	ZI3469	5	4				5	10	2 4	71
294	ZI3470		5	5			4	10	2 4	71
295	ZI3471			4	5		5	10	2 4	60
296	ZI3472	5				4	5	10	2 4	62
297	ZI3473		5	4	5			10	2 4	66
298	ZI3474	4	4		5			10	2 3	64
<b>No. of Students Attempted</b>		<b>13 2</b>	<b>16 1</b>	<b>14 3</b>	<b>14 9</b>	<b>16 8</b>	<b>13 9</b>	<b>298</b>	<b>2 9 8</b>	<b>295</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>13 1</b>	<b>16 1</b>	<b>14 3</b>	<b>14 9</b>	<b>16 7</b>	<b>13 9</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										294
<b>% of students secured &gt;= Threshold marks</b>		<b>99. 24</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>99. 4</b>	<b>10 0</b>			<b>99.66</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.2 9</b>	<b>2.3 1</b>	<b>2.3 2</b>	<b>2.2 9</b>	<b>2.2 9</b>	<b>2.2 9</b>			
<b>Total CO Attainment</b>		<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>62</b>	<b>64</b>	<b>65</b>	<b>70</b>	<b>66</b>	<b>63</b>

Level 2	87	77	74	73	79	78
Level 3	149	157	159	155	153	154
Total no. of students participated	298	298	298	298	298	298
CO Attainment Level	2.29	2.31	2.32	2.29	2.29	2.29

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	3	3	3	2	3	1	3	2	1	
CO2	3	1	1	1	1	2	1	3	3	1	2	3
CO3	2	2	2	2			2	2	2	2	1	1
CO4					1		1	1		3	2	
CO5	3	1	1	1	3	2	2		1	3		1
CO6	1			3		1		2	2		3	3
Average PO Attainment	2	1.5	1.75	2	2	1.75	1.8	1.8	2.2	2.2	1.8	2
PO's Attainment at Course Level	1.95	1.47	1.71	1.95	1.95	1.71	1.76	1.76	2.15	2.15	1.76	1.95

<b>Computation of CO Direct Attainment</b>		
Course : MAD		
Class: BCA III Sem:-V	A.Y. 2021-22	Course Code:

Internal Assessment										External Assessment				
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks				
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)	10	25	75
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6			
1	ZI3180	5			4	5		10	24	62				
2	ZI3181		5	4		5		10	24	73				
3	ZI3182	4	5	5				10	24	70				
4	ZI3183	5				5	4	10	24	56				
5	ZI3184	5		5	3			10	23	70				
6	ZI3185	4	5			5		10	24	60				
7	ZI3186		4		5		5	10	24	68				
8	ZI3187		5			5	4	10	24	70				
9	ZI3188	5	5		3			10	23	73				
10	ZI3189	4		5		4		10	23	68				
11	ZI3190	5		4	5			10	24	66				
12	ZI3191				4	5	5	10	24	70				
13	ZI3192	4	5		5			10	24	60				
14	ZI3193	4	5		5			10	24	62				
15	ZI3194	4	5		5			10	24	73				
16	ZI3195	4		5		5		10	24	66				
17	ZI3196	5			5	4		10	24	64				
18	ZI3197	5		5			4	10	24	71				
19	ZI3198				4	5	5	10	24	64				
20	ZI3199		5		4	5		10	24	62				

21	ZI3200	5	5		4			10	2 4	66
22	ZI3201			5		4	5	10	2 4	66
23	ZI3202	5			5		5	10	2 5	43
24	ZI3203			5	4	5		10	2 4	70
25	ZI3204	4			5	5		10	2 4	AA
26	ZI3205	4	5		5			10	2 4	66
27	ZI3206	5	4		5			10	2 4	68
28	ZI3207		5			5	3	10	2 3	53
29	ZI3208			5	5		3	10	2 3	60
30	ZI3209	3		5		5		10	2 3	66
31	ZI3210				5	5	4	10	2 4	66
32	ZI3211	3		5	5			10	2 3	66
33	ZI3212		5			5	4	10	2 4	64
34	ZI3213	4		5		5		10	2 4	71
35	ZI3214	4			5	5		10	2 4	70
36	ZI3215			5	5		4	10	2 4	73
37	ZI3216		5		3	5		10	2 3	71
38	ZI3217		5			5	3	10	2 3	73
39	ZI3218	3	5		5			10	2 3	64
40	ZI3219				5	5	3	10	2 3	62
41	ZI3220	3		5		5		10	2 3	68
42	ZI3221	5	4		5			10	2 4	68
43	ZI3222		5		4	5		10	2 4	55
44	ZI3223				5	4	5	10	2 4	68
45	ZI3224			3		5	5	10	2 3	66

46	ZI3225				4	4	5	10	2 3	70
47	ZI3226	3			5	5		10	2 3	64
48	ZI3227	5		4		4		10	2 3	66
49	ZI3228		5			5	3	10	2 3	71
50	ZI3229			4		4	5	10	2 3	39
51	ZI3230	3			5		5	10	2 3	64
52	ZI3231		5			4	5	10	2 4	41
53	ZI3232	4	5			5		10	2 4	60
54	ZI3233	5	5	4				10	2 4	70
55	ZI3234	5	5	4				10	2 4	62
56	ZI3235	5		4	5			10	2 4	70
57	ZI3236	5	5			3		10	2 3	66
58	ZI3237	4	5			5		10	2 4	56
59	ZI3238		4		5		5	10	2 4	64
60	ZI3239				5	4	5	10	2 4	66
61	ZI3240			3		5	5	10	2 3	73
62	ZI3241	5		4	4			10	2 3	58
63	ZI3242			5		5	3	10	2 3	73
64	ZI3243	5			5	4		10	2 4	68
65	ZI3244	5		5	3			10	2 3	66
66	ZI3245				4	4	5	10	2 3	66
67	ZI3246	4		4	5			10	2 3	64
68	ZI3247	5	4		5			10	2 3	70
69	ZI3248	4	4				5	10	2 3	73
70	ZI3249	5	4			4		10	2 3	71

71	ZI3250		5	4			4	10	2 3	68
72	ZI3251		3		5		5	10	2 3	71
73	ZI3252			3		5	5	10	2 3	71
74	ZI3253	4			5	5		10	2 4	53
75	ZI3254		4	5		5		10	2 4	68
76	ZI3255	5	5				4	10	2 4	62
77	ZI3256		4	5		5		10	2 4	58
78	ZI3257	3			5		5	10	2 3	71
79	ZI3258			5		5	3	10	2 3	56
80	ZI3259	5			5	3		10	2 3	62
81	ZI3260	5		5			3	10	2 3	49
82	ZI3261	5			5	3		10	2 3	64
83	ZI3262			5	5		3	10	2 3	71
84	ZI3263	5	4			4		10	2 3	51
85	ZI3475	5	4				4	10	2 3	62
86	ZI3264	5		5		3		10	2 3	73
87	ZI3265	5			5		3	10	2 3	71
88	ZI3266			3		5	5	10	2 3	58
89	ZI3267	4			5		5	10	2 4	60
90	ZI3268			4	5	5		10	2 4	58
91	ZI3269	4				5	5	10	2 4	64
92	ZI3270			4	5		5	10	2 4	71
93	ZI3271	4				5	5	10	2 4	56
94	ZI3476			4	5	5		10	2 4	51
95	ZI3272	4	5				5	10	2 4	62



96	ZI3273	4	2	4				10	2 0	AA
97	ZI3274				5	4	5	10	2 4	66
98	ZI3275	3		5		5		10	2 3	64
99	ZI3276	5		4	4			10	2 3	70
100	ZI3277	5	4			4		10	2 3	70
101	ZI3278		3		5		5	10	2 3	70
102	ZI3279		5		4	4		10	2 3	73
103	ZI3280		5		3	5		10	2 3	64
104	ZI3281	5		4	5			10	2 4	64
105	ZI3282				5	4	5	10	2 4	66
106	ZI3283	5		5			4	10	2 4	51
107	ZI3284	4			5	5		10	2 4	70
108	ZI3285			5		5	3	10	2 3	62
109	ZI3286			5	5		3	10	2 3	70
110	ZI3287	5				4	4	10	2 3	53
111	ZI3288		5		4	4		10	2 3	62
112	ZI3289		5	4	5			10	2 4	71
113	ZI3290		5	5		4		10	2 4	68
114	ZI3291	5			5	4		10	2 4	70
115	ZI3292		5	5		4		10	2 4	70
116	ZI3293	5	5				4	10	2 4	66
117	ZI3294	5		5		3		10	2 3	64
118	ZI3295	5			5		3	10	2 3	64
119	ZI3296			4		4	5	10	2 3	70
120	ZI3297	3		5		5		10	2 3	71

121	ZI3298				5	4	5	10	2 4	71
122	ZI3299		5			4	5	10	2 4	64
123	ZI3300		5	4			5	10	2 4	70
124	ZI3301	4			5	5		10	2 4	71
125	ZI3302			4		5	5	10	2 4	68
126	ZI3303	3			5		5	10	2 3	70
127	ZI3304			3	5	5		10	2 3	62
128	ZI3305	3				5	5	10	2 3	66
129	ZI3306			3	5		5	10	2 3	70
130	ZI3307	3			5	5		10	2 3	64
131	ZI3308	5	5			4		10	2 4	71
132	ZI3309		5		4	5		10	2 4	70
133	ZI3310		5		5		4	10	2 4	70
134	ZI3311	4		5		5		10	2 4	53
135	ZI3312				5	5	4	10	2 4	68
136	ZI3313	3		5	5			10	2 3	66
137	ZI3314			5		5	3	10	2 3	70
138	ZI3315				4	4	5	10	2 3	56
139	ZI3316			4	5		4	10	2 3	58
140	ZI3317	5		4		4		10	2 3	71
141	ZI3318		4	4	5			10	2 3	66
142	ZI3319		4		5		4	10	2 3	71
143	ZI3320	5		4			4	10	2 3	58
144	ZI3321	3			5		5	10	2 3	55
145	ZI3322			3	5	5		10	2 3	64

146	ZI3323	3				5	5	10	2 3	62
147	ZI3324			5	4		4	10	2 3	73
148	ZI3325			5		5	4	10	2 4	68
149	ZI3326		5			5	4	10	2 4	71
150	ZI3327	5	5	4				10	2 4	71
151	ZI3328		5			4	4	10	2 3	60
152	ZI3329				5	4	5	10	2 4	56
153	ZI3330	5	4	5				10	2 4	73
154	ZI3331	4	5		5			10	2 4	73
155	ZI3332			4	5	5		10	2 4	66
156	ZI3333	4				5	5	10	2 4	64
157	ZI3334			3	5		5	10	2 3	64
158	ZI3335	3			5	5		10	2 3	71
159	ZI3336			3		5	5	10	2 3	71
160	ZI3337	3			5		5	10	2 3	51
161	ZI3338		5	3	5			10	2 3	68
162	ZI3339		4		5		5	10	2 4	60
163	ZI3340		5	5			4	10	2 4	64
164	ZI3341	4		5	5			10	2 4	68
165	ZI3342			5		5	4	10	2 4	68
166	ZI3343				5	4	4	10	2 3	70
167	ZI3344	4	4		5			10	2 3	55
168	ZI3345		4		4		5	10	2 3	73
169	ZI3346	5		3			5	10	2 3	55
170	ZI3347	3			5	5		10	2 3	70

171	ZI3348			3		5	5	10	2 3	68
172	ZI3349	4			5		5	10	2 4	62
173	ZI3350			4	5	5		10	2 4	66
174	ZI3351	4				5	5	10	2 4	66
175	ZI3352			4	5		5	10	2 4	66
176	ZI3353	3			5	5		10	2 3	71
177	ZI3354		4		5		4	10	2 3	71
178	ZI3355		4			4	5	10	2 3	64
179	ZI3356		4		5	4		10	2 3	73
180	ZI3357			4	5		4	10	2 3	68
181	ZI3358		5	4		4		10	2 3	70
182	ZI3359		5	4			5	10	2 4	70
183	ZI3360		5			4	5	10	2 4	71
184	ZI3477		5	4		5		10	2 4	39
185	ZI3361	4				5	5	10	2 4	71
186	ZI3362	4		5		5		10	2 4	62
187	ZI3363			4	5		5	10	2 4	71
188	ZI3364	4	5			4		10	2 3	62
189	ZI3365	4	5				4	10	2 3	49
190	ZI3366			4	4		5	10	2 3	66
191	ZI3367	5			5	3		10	2 3	73
192	ZI3368		5	5			4	10	2 4	66
193	ZI3369		5		5	4		10	2 4	68
194	ZI3370			5	5	4		10	2 4	70
195	ZI3371	5		5			4	10	2 4	68

196	ZI3372	5			5	4		10	2 4	71
197	ZI3373			5	5		3	10	2 3	62
198	ZI3374	5		5		3		10	2 3	62
199	ZI3375	3			5		5	10	2 3	68
200	ZI3376	4	5			5		10	2 4	68
201	ZI3377		4		5		5	10	2 4	62
202	ZI3378	4	5			5		10	2 4	60
203	ZI3379		4		5		5	10	2 4	62
204	ZI3380	4		5		5		10	2 4	70
205	ZI3381	5			5		3	10	2 3	68
206	ZI3382			4	5		4	10	2 3	66
207	ZI3383	3				5	5	10	2 3	71
208	ZI3384		5	3		5		10	2 3	68
209	ZI3385	3	5				5	10	2 3	70
210	ZI3386			4		5	5	10	2 4	66
211	ZI3387	4			5	5		10	2 4	70
212	ZI3388			4	5		5	10	2 4	70
213	ZI3389	4				5	5	10	2 4	70
214	ZI3390	4	5			5		10	2 4	70
215	ZI3391		5		5		3	10	2 3	68
216	ZI3392	4		5		4		10	2 3	64
217	ZI3393				5	3	5	10	2 3	66
218	ZI3394	4		5		4		10	2 3	70
219	ZI3395	4	5			5		10	2 4	60
220	ZI3396	4	5			5		10	2 4	64

221	ZI3397	4	5			5		10	2 4	68
222	ZI3398			4	5		5	10	2 4	71
223	ZI3399	5			5		4	10	2 4	62
224	ZI3400		4	5		5		10	2 4	68
225	ZI3401		4	4		2		10	2 0	AA
226	ZI3402			5	5		4	10	2 4	36
227	ZI3403		4		5		4	10	2 3	71
228	ZI3404		4		4		5	10	2 3	71
229	ZI3405	3			5		5	10	2 3	64
230	ZI3406	4		5		5		10	2 4	56
231	ZI3407	4		5		5		10	2 4	70
232	ZI3408		5		4	5		10	2 4	66
233	ZI3409		5		5		3	10	2 3	71
234	ZI3410		5			5	3	10	2 3	73
235	ZI3411	3		5	5			10	2 3	68
236	ZI3412				5	5	3	10	2 3	71
237	ZI3413	3		5		5		10	2 3	73
238	ZI3414				5	5	3	10	2 3	73
239	ZI3415	3	5	5				10	2 3	66
240	ZI3416		5			3	5	10	2 3	66
241	ZI3417	4		5		4		10	2 3	62
242	ZI3418	5			5	4		10	2 4	68
243	ZI3419			4	5		5	10	2 4	71
244	ZI3420		4		5		5	10	2 4	73
245	ZI3421		4		5	5		10	2 4	70

246	ZI3422	4	5				4	10	2 3	73
247	ZI3423	4				5	4	10	2 3	70
248	ZI3424			5	3	5		10	2 3	66
249	ZI3425		4		5		4	10	2 3	73
250	ZI3426	5	5			3		10	2 3	66
251	ZI3427	5			5		3	10	2 3	70
252	ZI3428	5		5		4		10	2 4	68
253	ZI3429				5	5	4	10	2 4	62
254	ZI3430		4			5	5	10	2 4	66
255	ZI3431		4		5		5	10	2 4	49
256	ZI3432	4			5	5		10	2 4	70
257	ZI3433		5	4			5	10	2 4	66
258	ZI3434	4			5		5	10	2 4	71
259	ZI3435	4		5		4		10	2 3	68
260	ZI3436	5	4	5				10	2 4	70
261	ZI3437		5	4			5	10	2 4	70
262	ZI3438		5			5	4	10	2 4	58
263	ZI3439		5	4			5	10	2 4	70
264	ZI3440			4	5		5	10	2 4	68
265	ZI3441	5	5			4		10	2 4	70
266	ZI3442	5			5		3	10	2 3	66
267	ZI3443	5		5			3	10	2 3	73
268	ZI3444		4		5		4	10	2 3	73
269	ZI3445		4		5		5	10	2 4	64
270	ZI3446		4		5		5	10	2 4	70

271	ZI3447		5		5	4		10	2 4	73
272	ZI3448	4		5		5		10	2 4	66
273	ZI3449			4		5	5	10	2 4	70
274	ZI3450				5	4	4	10	2 3	62
275	ZI3451		5			5	4	10	2 4	75
276	ZI3452		4	4			5	10	2 3	68
277	ZI3453	4				5	5	10	2 4	66
278	ZI3454	5			5		4	10	2 4	53
279	ZI3455	5		4	5			10	2 4	64
280	ZI3456		4		5		5	10	2 4	73
281	ZI3457		5			5	4	10	2 4	71
282	ZI3458	4			5	5		10	2 4	71
283	ZI3459	4		5		5		10	2 4	64
284	ZI3460			4	5		5	10	2 4	60
285	ZI3461	4	5			5		10	2 4	68
286	ZI3462	5			5		4	10	2 4	66
287	ZI3463	5		5		4		10	2 4	73
288	ZI3464			5	5		4	10	2 4	64
289	ZI3465	5			5	4		10	2 4	66
290	ZI3466	5	4	5				10	2 4	70
291	ZI3467		5		5	4		10	2 4	62
292	ZI3468		5	4			5	10	2 4	60
293	ZI3469		4			5	5	10	2 4	70
294	ZI3470		5			5	4	10	2 4	55
295	ZI3471			4		5	5	10	2 4	56





<b>CO Attainment Level</b>	<b>2.29</b>	<b>2.31</b>	<b>2.31</b>	<b>2.28</b>	<b>2.29</b>	<b>2.29</b>
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<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	1	2	1		1	2	1	3	2	1	3
CO2	1		1		2		1		1		2	1
CO3	3	3	2	2	3	3	3	2	2	1	2	2
CO4	1	2	1	2		1	2	3	3	3		1
CO5		3		1	1	3		2		2	1	2
CO6	1	2	3	3	3		2	1			2	
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.56</b>	<b>2.15</b>	<b>1.76</b>	<b>1.76</b>	<b>2.2</b>	<b>1.95</b>	<b>1.95</b>	<b>1.76</b>	<b>2.2</b>	<b>1.95</b>	<b>1.56</b>	<b>1.76</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course : EL1</b>											
<b>Class: BCA III Sem:-V      A.Y. 2021-22      Course Code:</b>											
<b>Internal Assessment</b>										<b>External Assessment</b>	
<b>Sr. No.</b>	<b>Test-I (15) (Any three)</b>							<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	<b>MAX.</b>		<b>Q1 (5)</b>	<b>Q2 (5)</b>	<b>Q3 (5)</b>	<b>Q4 (5)</b>	<b>Q5 (5)</b>	<b>Q6 (5)</b>	10	25	75
	<b>Seat No</b>		<b>CO 1</b>	<b>CO 2</b>	<b>CO 3</b>	<b>CO 4</b>	<b>CO 5</b>	<b>CO 6</b>			
1	ZI3180		5			4	5		10	24	62

2	ZI3181			4	5	5		10	2 4	68
3	ZI3182		5	5	5			10	2 5	60
4	ZI3183		5			5	5	10	2 5	56
5	ZI3184		5	5	4			10	2 4	56
6	ZI3185	5		5		5		10	2 5	64
7	ZI3186			4	5		5	10	2 4	58
8	ZI3187		5			5	5	10	2 5	71
9	ZI3188	5	5		4			10	2 4	71
10	ZI3189	4	5			4		10	2 3	64
11	ZI3190	5		5	5			10	2 5	60
12	ZI3191		5			5	5	10	2 5	56
13	ZI3192	5	5		5			10	2 5	53
14	ZI3193	5	5		5			10	2 5	64
15	ZI3194			5	5	5		10	2 5	66
16	ZI3195	4		5		5		10	2 4	68
17	ZI3196	5			5	5		10	2 5	51
18	ZI3197	5		5			5	10	2 5	66
19	ZI3198				5	5	5	10	2 5	62
20	ZI3199		5		5	5		10	2 5	56
21	ZI3200	5	5		4			10	2 4	49
22	ZI3201		5			4	5	10	2 4	56
23	ZI3202	5			4		5	10	2 4	53
24	ZI3203		4	5		5		10	2 4	64
25	ZI3204	4	4			5		10	2 3	36
26	ZI3205	5	5	5				10	2 5	68

27	ZI3206	5	5			5		10	2 5	66
28	ZI3207			5		5	5	10	2 5	51
29	ZI3208		5		5	5		10	2 5	58
30	ZI3209	5	5				4	10	2 4	60
31	ZI3210				5	5	4	10	2 4	62
32	ZI3211	4		5	5			10	2 4	53
33	ZI3212		5			5	4	10	2 4	64
34	ZI3213	4	5			5		10	2 4	66
35	ZI3214	4			5	5		10	2 4	64
36	ZI3215			5	5		4	10	2 4	68
37	ZI3216		5		4	5		10	2 4	62
38	ZI3217		5			5	4	10	2 4	68
39	ZI3218	5	5		5			10	2 5	66
40	ZI3219				5	5	5	10	2 5	55
41	ZI3220	5		5		5		10	2 5	58
42	ZI3221	5		4	4			10	2 3	64
43	ZI3222			5	4	4		10	2 3	51
44	ZI3223		4		5		4	10	2 3	71
45	ZI3224		5	3			5	10	2 3	60
46	ZI3225		4		4		5	10	2 3	60
47	ZI3226	3	5		5			10	2 3	58
48	ZI3227	5	4	4				10	2 3	66
49	ZI3228		5	5			3	10	2 3	68
50	ZI3229			4		4	5	10	2 3	64
51	ZI3230	4			5		5	10	2 4	58

52	ZI3231		5			4	5	10	2 4	55
53	ZI3232	4	5			5		10	2 4	66
54	ZI3233	5	5	4				10	2 4	70
55	ZI3234	5	5			5		10	2 5	58
56	ZI3235	5	5	5				10	2 5	56
57	ZI3236	5		5		5		10	2 5	68
58	ZI3237			5		5	5	10	2 5	43
59	ZI3238	5			5		5	10	2 5	55
60	ZI3239			5	5		5	10	2 5	58
61	ZI3240		5			5	5	10	2 5	64
62	ZI3241	5	4		5			10	2 4	58
63	ZI3242		5			5	4	10	2 4	66
64	ZI3243	5			5	4		10	2 4	58
65	ZI3244	5		5	4			10	2 4	58
66	ZI3245				4	4	5	10	2 3	64
67	ZI3246	5			5		5	10	2 5	56
68	ZI3247		5	5	5			10	2 5	64
69	ZI3248		5	5			5	10	2 5	58
70	ZI3249		5	4		5		10	2 4	68
71	ZI3250		5	5			4	10	2 4	58
72	ZI3251	4			5		5	10	2 4	64
73	ZI3252			5		5	5	10	2 5	64
74	ZI3253	4			5	5		10	2 4	56
75	ZI3254		4	5		5		10	2 4	62
76	ZI3255	5	5				5	10	2 5	56

77	ZI3256		5	5		5		10	2 5	60
78	ZI3257	5			5		5	10	2 5	70
79	ZI3258			5		5	5	10	2 5	53
80	ZI3259	5			5	5		10	2 5	68
81	ZI3260	5		5			5	10	2 5	45
82	ZI3261	5			5	4		10	2 4	60
83	ZI3262		5		5		4	10	2 4	68
84	ZI3263	5	4			5		10	2 4	53
85	ZI3475	5	4				5	10	2 4	45
86	ZI3264	5		5		4		10	2 4	55
87	ZI3265		5		5		4	10	2 4	66
88	ZI3266			4		5	5	10	2 4	58
89	ZI3267	4			5		5	10	2 4	53
90	ZI3268			4	5	5		10	2 4	60
91	ZI3269	4				5	5	10	2 4	60
92	ZI3270			5	5		5	10	2 5	68
93	ZI3271	5				5	5	10	2 5	56
94	ZI3476		5	5		5		10	2 5	53
95	ZI3272	4	4				5	10	2 3	68
96	ZI3273	4		4	2			10	2 0	AA
97	ZI3274				5	4	4	10	2 3	51
98	ZI3275	3	5			5		10	2 3	58
99	ZI3276	5	4		4			10	2 3	70
100	ZI3277	5	4			5		10	2 4	64
101	ZI3278			4	5		5	10	2 4	70

102	ZI3279			5	4	5		10	2 4	58
103	ZI3280		5		4	5		10	2 4	55
104	ZI3281	5	4		5			10	2 4	55
105	ZI3282				5	5	5	10	2 5	56
106	ZI3283	5		5			5	10	2 5	56
107	ZI3284	5			5	5		10	2 5	64
108	ZI3285			5		5	5	10	2 5	56
109	ZI3286			5	5		5	10	2 5	70
110	ZI3287		5			5	5	10	2 5	60
111	ZI3288		5		4	5		10	2 4	56
112	ZI3289		5	4	5			10	2 4	68
113	ZI3290	5		5		4		10	2 4	68
114	ZI3291	5			5	4		10	2 4	64
115	ZI3292		5	5		4		10	2 4	58
116	ZI3293	5	5				4	10	2 4	56
117	ZI3294	5		5		4		10	2 4	64
118	ZI3295	5			5		4	10	2 4	58
119	ZI3296			4		5	5	10	2 4	68
120	ZI3297	4		5		5		10	2 4	66
121	ZI3298		5			4	4	10	2 3	62
122	ZI3299		5			5	5	10	2 5	56
123	ZI3300		5	5			5	10	2 5	70
124	ZI3301	5			5	5		10	2 5	58
125	ZI3302			5		5	5	10	2 5	64
126	ZI3303	5			5		5	10	2 5	55

127	ZI3304			5	5	5		10	2 5	60
128	ZI3305	5				5	5	10	2 5	62
129	ZI3306			4	5		5	10	2 4	70
130	ZI3307	4			5	5		10	2 4	51
131	ZI3308	5	5			4		10	2 4	56
132	ZI3309		5		4	5		10	2 4	66
133	ZI3310		5		5		4	10	2 4	70
134	ZI3311	4		5		5		10	2 4	51
135	ZI3312				5	5	4	10	2 4	60
136	ZI3313	4		5	5			10	2 4	64
137	ZI3314			5		5	5	10	2 5	60
138	ZI3315				5	5	5	10	2 5	60
139	ZI3316		5		5		5	10	2 5	56
140	ZI3317	5	5			5		10	2 5	64
141	ZI3318			5	5	5		10	2 5	58
142	ZI3319				5	4	5	10	2 4	64
143	ZI3320	5		4			4	10	2 3	58
144	ZI3321	5			5		5	10	2 5	58
145	ZI3322			5	5	5		10	2 5	53
146	ZI3323	5				5	5	10	2 5	62
147	ZI3324			5	4		4	10	2 4	66
148	ZI3325			5		5	4	10	2 4	70
149	ZI3326		5			5	5	10	2 5	68
150	ZI3327	5	5	5				10	2 5	66
151	ZI3328		5			4	5	10	2 4	55



152	ZI3329		5			5	5	10	2 5	51
153	ZI3330	5		5			5	10	2 5	64
154	ZI3331	5			5		5	10	2 5	68
155	ZI3332			5	5	5		10	2 5	58
156	ZI3333	5				5	5	10	2 5	58
157	ZI3334			3	5		5	10	2 3	58
158	ZI3335	3			5	5		10	2 3	70
159	ZI3336			4		5	5	10	2 4	53
160	ZI3337	4	5				5	10	2 4	56
161	ZI3338		5	4		5		10	2 4	49
162	ZI3339				5	4	5	10	2 4	56
163	ZI3340			5		5	4	10	2 4	51
164	ZI3341	4		5	5			10	2 4	71
165	ZI3342			5		5	4	10	2 4	55
166	ZI3343		4		5		4	10	2 4	53
167	ZI3344	4	4		5			10	2 4	51
168	ZI3345		4		4		5	10	2 4	56
169	ZI3346	5		4			5	10	2 4	53
170	ZI3347	4			5	5		10	2 4	64
171	ZI3348			5		5	5	10	2 5	55
172	ZI3349	5			5		5	10	2 5	58
173	ZI3350			5	5	5		10	2 5	66
174	ZI3351	4	5			5		10	2 4	62
175	ZI3352		5	4	5			10	2 4	62
176	ZI3353	4			5	5		10	2 4	55

177	ZI3354			4	5		5	10	2 4	55
178	ZI3355			4		5	5	10	2 4	43
179	ZI3356		4		5	5		10	2 4	64
180	ZI3357		4		5		5	10	2 4	53
181	ZI3358	5	4			5		10	2 4	66
182	ZI3359	5	4				5	10	2 4	55
183	ZI3360				5	4	5	10	2 4	64
184	ZI3477			4	5	5		10	2 4	AA
185	ZI3361	5				5	5	10	2 5	62
186	ZI3362	5		5		5		10	2 5	45
187	ZI3363		5		5		5	10	2 5	64
188	ZI3364	5	5			5		10	2 5	60
189	ZI3365	4	5				4	10	2 3	58
190	ZI3366			5	5		5	10	2 5	64
191	ZI3367	5			5	3		10	2 3	62
192	ZI3368	5		5			5	10	2 5	62
193	ZI3369	5			5	5		10	2 5	64
194	ZI3370		5		5	5		10	2 5	64
195	ZI3371	5	5				5	10	2 5	62
196	ZI3372	5			5	5		10	2 5	66
197	ZI3373			5	5		4	10	2 4	66
198	ZI3374	5		5		5		10	2 5	55
199	ZI3375	4			5		5	10	2 4	64
200	ZI3376	4	5			5		10	2 4	60
201	ZI3377		4		5		5	10	2 4	39

202	ZI3378	4	5			5		10	2 4	60
203	ZI3379			4	5		5	10	2 4	68
204	ZI3380	4		5		5		10	2 4	53
205	ZI3381	5			5		5	10	2 5	64
206	ZI3382			4	5		4	10	2 3	56
207	ZI3383	4				5	5	10	2 4	62
208	ZI3384		5	4		5		10	2 4	64
209	ZI3385	5			5		5	10	2 5	62
210	ZI3386			4		5	5	10	2 4	62
211	ZI3387	4	5			5		10	2 4	66
212	ZI3388		5	4			5	10	2 4	60
213	ZI3389	4				5	5	10	2 4	58
214	ZI3390	4		5		5		10	2 4	60
215	ZI3391			5	5		4	10	2 4	64
216	ZI3392	5	5	5				10	2 5	56
217	ZI3393				5	5	5	10	2 5	64
218	ZI3394	5	5			5		10	2 5	64
219	ZI3395	5	5			5		10	2 5	56
220	ZI3396	5	5			5		10	2 5	56
221	ZI3397	4		5		5		10	2 4	51
222	ZI3398			4	5		5	10	2 4	62
223	ZI3399	5			5		5	10	2 5	53
224	ZI3400	5		5		5		10	2 5	58
225	ZI3401	4	4			2		10	2 0	AA
226	ZI3402		5		5		4	10	2 4	51

227	ZI3403		4		5		5	10	2 4	64
228	ZI3404			5	5		5	10	2 5	70
229	ZI3405	5			5		5	10	2 5	58
230	ZI3406	5		5		5		10	2 5	43
231	ZI3407	5	5			5		10	2 5	70
232	ZI3408		5		4	5		10	2 4	51
233	ZI3409		5		5		4	10	2 4	70
234	ZI3410			5		5	4	10	2 4	64
235	ZI3411	4		5	5			10	2 4	45
236	ZI3412				5	5	4	10	2 4	68
237	ZI3413	4		5		5		10	2 4	64
238	ZI3414		5			5	5	10	2 5	62
239	ZI3415	4	5	5				10	2 4	66
240	ZI3416				5	5	5	10	2 5	56
241	ZI3417	5		5		5		10	2 5	62
242	ZI3418	5			5	5		10	2 5	64
243	ZI3419		4		5		5	10	2 4	66
244	ZI3420		4		5		5	10	2 4	62
245	ZI3421		4		5	5		10	2 4	70
246	ZI3422	5		5			5	10	2 5	64
247	ZI3423	4				5	5	10	2 4	66
248	ZI3424			5	4	5		10	2 4	58
249	ZI3425		4		5		5	10	2 4	64
250	ZI3426	5	5			4		10	2 4	64
251	ZI3427	5			5		4	10	2 4	70

252	ZI3428	5		5		4		10	2 4	62
253	ZI3429				5	5	4	10	2 4	55
254	ZI3430			4		5	5	10	2 4	55
255	ZI3431			5	5		5	10	2 5	55
256	ZI3432	5			5	5		10	2 5	68
257	ZI3433			5		5	5	10	2 5	60
258	ZI3434	4			5		5	10	2 4	60
259	ZI3435	5		5		4		10	2 4	AA
260	ZI3436	5		5	4			10	2 4	55
261	ZI3437		5	5			5	10	2 5	58
262	ZI3438		5			5	5	10	2 5	56
263	ZI3439		5	4			5	10	2 4	70
264	ZI3440			4	5		5	10	2 4	53
265	ZI3441	5		5		4		10	2 4	66
266	ZI3442	5			5		4	10	2 4	62
267	ZI3443	5		5			4	10	2 4	64
268	ZI3444		4		5		5	10	2 4	64
269	ZI3445		5		5		5	10	2 5	56
270	ZI3446		4		5		5	10	2 4	60
271	ZI3447			5	5	4		10	2 4	64
272	ZI3448	4	5	5				10	2 4	56
273	ZI3449		5	4			5	10	2 4	68
274	ZI3450				5	4	5	10	2 4	56
275	ZI3451		5			5	4	10	2 4	62
276	ZI3452		5	5			5	10	2 5	71

277	ZI3453	5				5	5	10	2 5	55
278	ZI3454	5			5		4	10	2 4	53
279	ZI3455	5		4	5			10	2 4	53
280	ZI3456			4	5		5	10	2 4	68
281	ZI3457		5	5			4	10	2 4	62
282	ZI3458	4	5		5			10	2 4	66
283	ZI3459	5	5	5				10	2 5	58
284	ZI3460			4	5		5	10	2 4	56
285	ZI3461	4		5		5		10	2 4	58
286	ZI3462	5			5		4	10	2 4	64
287	ZI3463		5	5		4		10	2 4	66
288	ZI3464			5	5		4	10	2 4	70
289	ZI3465	5			5	4		10	2 4	56
290	ZI3466	5		5			4	10	2 4	64
291	ZI3467		5			4	5	10	2 4	53
292	ZI3468		5	4			5	10	2 4	62
293	ZI3469		4			5	5	10	2 4	64
294	ZI3470				5	5	4	10	2 4	62
295	ZI3471		5	4			5	10	2 4	49
296	ZI3472	4	5		5			10	2 4	64
297	ZI3473	4	5				5	10	2 4	56
298	ZI3474			4	5		4	10	2 4	55
<b>No. of Students Attempted</b>		<b>14 8</b>	<b>13 1</b>	<b>13 4</b>	<b>15 2</b>	<b>16 4</b>	<b>16 5</b>	<b>298</b>	<b>2 9 8</b>	<b>294</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14 8</b>	<b>13 1</b>	<b>13 4</b>	<b>15 1</b>	<b>16 3</b>	<b>16 5</b>			

In External Assessment No. of Students Secured > =Threshold marks (50%=25 Marks)									294
% of students secured >= Threshold marks	100	100	100	99.34	99.39	100			100
Attainment Level	3	3	3	3	3	3			3
Direct CO Attainment	3	3	3	3	3	3			
Indirect CO Attainment Level	2.3	2.32	2.32	2.3	2.31	2.31			
Total CO Attainment	2.93	2.93	2.93	2.93	2.93	2.93			
Average CO Attainment									2.93

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	61	63	64	67	63	63
Level 2	87	77	74	75	81	80
Level 3	150	158	160	156	154	155
Total no. of students participated	298	298	298	298	298	298
CO Attainment Level	2.3	2.32	2.32	2.3	2.31	2.31

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1	3	2	1	2	1	2		2	3
CO2	2		2		1			3	1	1	1	

CO3		2		2	3	2		2	3	3	3	
CO4	1	1		1	2	3	2		1			2
CO5	3	3	2	3		2	1	1	2	2	1	1
CO6	2	1	3	2	2	1	3	3		1	2	2
<b>Average PO Attainment</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2.2</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.76</b>	<b>1.76</b>	<b>1.95</b>	<b>2.15</b>	<b>1.95</b>	<b>1.76</b>	<b>1.95</b>	<b>1.95</b>	<b>1.76</b>	<b>1.71</b>	<b>1.76</b>	<b>1.95</b>

### Computation of CO Direct Attainment

Course : OEL1

Class: BCA III Sem:-V      A.Y. 2021-22      Course Code:

#### Internal Assessment

Sr. No.	MAX.	Test-I (15) (Any three)						Assign ment	T ot al	End sem exam	T ot al
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)				
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZI3180	5			4	5		10	24	66	90
2	ZI3181		5	4		5		10	24	71	95
3	ZI3182	4	5		5			10	24	71	95
4	ZI3183	5				5	4	10	24	63	87
5	ZI3184	5		5	3			10	23	72	95
6	ZI3185	4	5			5		10	24	63	87
7	ZI3186		4		5		5	10	24	61	85
8	ZI3187		5			5	4	10	24	71	95
9	ZI3188	5	5		3			10	23	72	95



10	ZI3189	4		5		4		10	23	62	85
11	ZI3190	5		4	5			10	24	71	95
12	ZI3191		4			5	5	10	24	66	90
13	ZI3192	4	5	5				10	24	66	90
14	ZI3193	4	5	5				10	24	66	90
15	ZI3194	4		5	5			10	24	68	92
16	ZI3195		4	5		5		10	24	63	87
17	ZI3196		5		5	4		10	24	63	87
18	ZI3197	5		5			4	10	24	71	95
19	ZI3198				4	5	5	10	24	68	92
20	ZI3199			5	4	5		10	24	71	95
21	ZI3200	5	5		4			10	24	71	95
22	ZI3201		5			4	5	10	24	70	94
23	ZI3202	5			5		5	10	25	55	80
24	ZI3203			5	4	5		10	24	68	92
25	ZI3204	4			5	5		10	24	41	65
26	ZI3205	4		5	5			10	24	70	94
27	ZI3206	5	4		5			10	24	70	94
28	ZI3207		5			5	3	10	23	57	80
29	ZI3208		5		5		3	10	23	62	85
30	ZI3209	3		5		5		10	23	72	95
31	ZI3210				5	5	4	10	24	71	95
32	ZI3211	3		5	5			10	23	64	87
33	ZI3212		5			5	4	10	24	71	95
34	ZI3213	4	5			5		10	24	66	90
35	ZI3214	4			5	5		10	24	66	90
36	ZI3215			5	5		4	10	24	71	95
37	ZI3216		5		3	5		10	23	72	95
38	ZI3217		5			5	3	10	23	72	95
39	ZI3218	3		5	5			10	23	72	95
40	ZI3219				5	5	3	10	23	67	90
41	ZI3220	3		5		5		10	23	62	85

42	ZI3221	5	5	4				10	24	66	90
43	ZI3222		4	5		5		10	24	71	95
44	ZI3223		5			4	5	10	24	66	90
45	ZI3224			3		5	5	10	23	72	95
46	ZI3225		4		4		5	10	23	68	91
47	ZI3226	3	5		5			10	23	68	91
48	ZI3227	5	4	4				10	23	72	95
49	ZI3228			5		5	3	10	23	64	87
50	ZI3229			4		4	5	10	23	64	87
51	ZI3230	3			5		5	10	23	72	95
52	ZI3231		5			4	5	10	24	61	85
53	ZI3232	4	5			5		10	24	61	85
54	ZI3233	5	5	4				10	24	71	95
55	ZI3234	5	5	4				10	24	61	85
56	ZI3235	5		4	5			10	24	71	95
57	ZI3236	5		5		3		10	23	67	90
58	ZI3237	4	5			5		10	24	61	85
59	ZI3238		4		5		5	10	24	61	85
60	ZI3239				5	4	5	10	24	59	83
61	ZI3240			3		5	5	10	23	62	85
62	ZI3241	5		4	4			10	23	62	85
63	ZI3242			5		5	3	10	23	72	95
64	ZI3243	5			5	4		10	24	66	90
65	ZI3244	5		5	3			10	23	67	90
66	ZI3245		4			4	5	10	23	72	95
67	ZI3246	4	5	4				10	23	62	85
68	ZI3247	5	5	4				10	24	66	90
69	ZI3248	4		4			5	10	23	67	90
70	ZI3249	5	4			4		10	23	69	92
71	ZI3250	5	4				4	10	23	67	90
72	ZI3251	3			5		5	10	23	72	95
73	ZI3252			3		5	5	10	23	72	95

74	ZI3253	4			5	5		10	24	63	87
75	ZI3254		4	5		5		10	24	63	87
76	ZI3255	5	5				4	10	24	61	85
77	ZI3256			5	4	5		10	24	56	80
78	ZI3257	3			5		5	10	23	72	95
79	ZI3258			5		5	3	10	23	62	85
80	ZI3259	5			5	3		10	23	72	95
81	ZI3260	5		5			3	10	23	72	95
82	ZI3261	5			5	3		10	23	72	95
83	ZI3262		5		5		3	10	23	72	95
84	ZI3263	5	4			4		10	23	62	85
85	ZI3475	5	4				4	10	23	59	82
86	ZI3264	5		5		3		10	23	58	81
87	ZI3265	5			5		3	10	23	67	90
88	ZI3266			3		5	5	10	23	67	90
89	ZI3267	4			5		5	10	24	66	90
90	ZI3268			4	5	5		10	24	66	90
91	ZI3269	4				5	5	10	24	61	85
92	ZI3270			4	5		5	10	24	71	95
93	ZI3271	4				5	5	10	24	61	85
94	ZI3476		5	4		5		10	24	66	90
95	ZI3272	4	5				5	10	24	61	85
96	ZI3273	4		4	2			10	20	40	60
97	ZI3274				5	4	5	10	24	61	85
98	ZI3275	3		5		5		10	23	72	95
99	ZI3276	5	4		4			10	23	72	95
100	ZI3277	5	4			4		10	23	59	82
101	ZI3278		3		5		5	10	23	72	95
102	ZI3279			5	4	4		10	23	72	95
103	ZI3280			5	3	5		10	23	69	92
104	ZI3281	5	5	4				10	24	67	91
105	ZI3282		5			4	5	10	24	66	90

106	ZI3283	5		5			4	10	24	61	85
107	ZI3284	4			5	5		10	24	66	90
108	ZI3285			5		5	3	10	23	67	90
109	ZI3286			5	5		3	10	23	66	89
110	ZI3287	5				4	4	10	23	62	85
111	ZI3288	5	4			4		10	23	68	91
112	ZI3289	5	5	4				10	24	71	95
113	ZI3290	5		5		4		10	24	61	85
114	ZI3291	5			5	4		10	24	66	90
115	ZI3292		5	5		4		10	24	66	90
116	ZI3293	5	5				4	10	24	61	85
117	ZI3294	5		5		3		10	23	58	81
118	ZI3295	5			5		3	10	23	59	82
119	ZI3296			4		4	5	10	23	67	90
120	ZI3297	3		5		5		10	23	62	85
121	ZI3298		5			4	5	10	24	61	85
122	ZI3299		5			4	5	10	24	66	90
123	ZI3300		5	4			5	10	24	66	90
124	ZI3301	4			5	5		10	24	71	95
125	ZI3302			4		5	5	10	24	68	92
126	ZI3303	3	5				5	10	23	72	95
127	ZI3304		5	3		5		10	23	67	90
128	ZI3305	3				5	5	10	23	72	95
129	ZI3306			3	5		5	10	23	68	91
130	ZI3307	3			5	5		10	23	68	91
131	ZI3308	5		5		4		10	24	63	87
132	ZI3309		5		4	5		10	24	71	95
133	ZI3310		5		5		4	10	24	67	91
134	ZI3311	4	5			5		10	24	61	85
135	ZI3312				5	5	4	10	24	66	90
136	ZI3313	3		5	5			10	23	62	85
137	ZI3314			5		5	3	10	23	67	90

138	ZI3315				4	4	5	10	23	67	90
139	ZI3316			4	5		4	10	23	72	95
140	ZI3317	5		4		4		10	23	67	90
141	ZI3318			4	5	4		10	23	62	85
142	ZI3319				5	4	4	10	23	72	95
143	ZI3320	5	4	4				10	23	57	80
144	ZI3321	3	5		5			10	23	62	85
145	ZI3322			3	5	5		10	23	72	95
146	ZI3323	3				5	5	10	23	72	95
147	ZI3324			5	4		4	10	23	70	93
148	ZI3325			5		5	4	10	24	71	95
149	ZI3326				5	5	4	10	24	71	95
150	ZI3327	5	5	4				10	24	68	92
151	ZI3328		5			4	4	10	23	67	90
152	ZI3329		5			4	5	10	24	66	90
153	ZI3330	5		5			4	10	24	71	95
154	ZI3331	4			5		5	10	24	71	95
155	ZI3332			4	5	5		10	24	68	92
156	ZI3333	4				5	5	10	24	63	87
157	ZI3334			3	5		5	10	23	67	90
158	ZI3335	3			5	5		10	23	59	82
159	ZI3336			3		5	5	10	23	72	95
160	ZI3337	3	5				5	10	23	72	95
161	ZI3338		5	3		5		10	23	58	81
162	ZI3339				5	4	5	10	24	61	85
163	ZI3340			5		5	4	10	24	51	75
164	ZI3341	4		5	5			10	24	66	90
165	ZI3342			5		5	4	10	24	51	75
166	ZI3343		5			4	4	10	23	67	90
167	ZI3344	4	5			4		10	23	67	90
168	ZI3345		4			4	5	10	23	67	90
169	ZI3346	5		3			5	10	23	67	90

170	ZI3347	3			5	5		10	23	72	95
171	ZI3348			3		5	5	10	23	72	95
172	ZI3349	4			5		5	10	24	58	82
173	ZI3350			4	5	5		10	24	71	95
174	ZI3351	4				5	5	10	24	71	95
175	ZI3352			4	5		5	10	24	71	95
176	ZI3353	3			5	5		10	23	67	90
177	ZI3354		4		5		4	10	23	69	92
178	ZI3355		4			4	5	10	23	63	86
179	ZI3356		4		5	4		10	23	67	90
180	ZI3357		4		5		4	10	23	63	86
181	ZI3358			4	5	4		10	23	62	85
182	ZI3359		5	4			5	10	24	68	92
183	ZI3360		5			4	5	10	24	66	90
184	ZI3477		5	4		5		10	24	71	95
185	ZI3361	4				5	5	10	24	71	95
186	ZI3362	4		5		5		10	24	57	81
187	ZI3363		4		5		5	10	24	57	81
188	ZI3364	4	5			4		10	23	64	87
189	ZI3365	4	5				4	10	23	69	92
190	ZI3366		4		4		5	10	23	72	95
191	ZI3367	5			5	3		10	23	69	92
192	ZI3368	5		5			4	10	24	61	85
193	ZI3369	5			5	4		10	24	61	85
194	ZI3370			5	5	4		10	24	71	95
195	ZI3371	5		5			4	10	24	62	86
196	ZI3372	5			5	4		10	24	68	92
197	ZI3373		5		5		3	10	23	67	90
198	ZI3374	5	5			3		10	23	69	92
199	ZI3375	3			5		5	10	23	72	95
200	ZI3376	4		5		5		10	24	66	90
201	ZI3377			4	5		5	10	24	56	80

202	ZI3378	4	5			5		10	24	71	95
203	ZI3379		4		5		5	10	24	71	95
204	ZI3380	4	5			5		10	24	56	80
205	ZI3381	5			5		3	10	23	72	95
206	ZI3382			4	5		4	10	23	72	95
207	ZI3383	3				5	5	10	23	63	86
208	ZI3384		5	3		5		10	23	67	90
209	ZI3385	3	5				5	10	23	67	90
210	ZI3386			4		5	5	10	24	71	95
211	ZI3387	4			5	5		10	24	71	95
212	ZI3388			4	5		5	10	24	68	92
213	ZI3389	4				5	5	10	24	66	90
214	ZI3390	4	5			5		10	24	66	90
215	ZI3391		5		5		3	10	23	67	90
216	ZI3392	4	5			4		10	23	52	75
217	ZI3393				5	3	5	10	23	72	95
218	ZI3394	4		5		4		10	23	67	90
219	ZI3395	4	5			5		10	24	66	90
220	ZI3396	4	5			5		10	24	71	95
221	ZI3397	4	5			5		10	24	66	90
222	ZI3398			4	5		5	10	24	71	95
223	ZI3399	5			5		4	10	24	68	92
224	ZI3400	4	5			5		10	24	61	85
225	ZI3401	4	4			2		10	20	40	60
226	ZI3402		5		5		4	10	24	57	81
227	ZI3403			4	5		4	10	23	69	92
228	ZI3404			4	4		5	10	23	72	95
229	ZI3405	3			5		5	10	23	62	85
230	ZI3406	4		5		5		10	24	56	80
231	ZI3407	4	5			5		10	24	68	92
232	ZI3408		5		4	5		10	24	66	90
233	ZI3409		5		5		3	10	23	72	95

234	ZI3410			5		5	3	10	23	72	95
235	ZI3411	3		5	5			10	23	57	80
236	ZI3412				5	5	3	10	23	72	95
237	ZI3413	3		5		5		10	23	72	95
238	ZI3414		5			5	3	10	23	70	93
239	ZI3415	3	5	5				10	23	62	85
240	ZI3416		5			3	5	10	23	72	95
241	ZI3417	4		5		4		10	23	72	95
242	ZI3418	5			5	4		10	24	71	95
243	ZI3419			4	5		5	10	24	66	90
244	ZI3420		5	4			5	10	24	66	90
245	ZI3421		5	4		5		10	24	62	86
246	ZI3422	4		5			4	10	23	67	90
247	ZI3423	4				5	4	10	23	67	90
248	ZI3424		5		3	5		10	23	72	95
249	ZI3425		4		5		4	10	23	69	92
250	ZI3426	5		5		3		10	23	63	86
251	ZI3427	5			5		3	10	23	72	95
252	ZI3428	5		5		4		10	24	71	95
253	ZI3429				5	5	4	10	24	71	95
254	ZI3430			4		5	5	10	24	66	90
255	ZI3431			4	5		5	10	24	71	95
256	ZI3432	4			5	5		10	24	71	95
257	ZI3433			4		5	5	10	24	56	80
258	ZI3434	4			5		5	10	24	71	95
259	ZI3435	4	5			4		10	23	52	75
260	ZI3436	5	5		4			10	24	68	92
261	ZI3437		4		5		5	10	24	71	95
262	ZI3438				5	5	4	10	24	71	95
263	ZI3439			4	5		5	10	24	71	95
264	ZI3440			4	5		5	10	24	66	90
265	ZI3441	5		5		4		10	24	66	90



266	ZI3442	5			5		3	10	23	52	75
267	ZI3443	5		5			3	10	23	72	95
268	ZI3444		4		5		4	10	23	72	95
269	ZI3445		4		5		5	10	24	66	90
270	ZI3446		4		5		5	10	24	66	90
271	ZI3447		5		5	4		10	24	71	95
272	ZI3448	4		5		5		10	24	71	95
273	ZI3449			4		5	5	10	24	71	95
274	ZI3450		4		5		5	10	24	62	86
275	ZI3451		5		5		4	10	24	68	92
276	ZI3452			4	4		5	10	23	72	95
277	ZI3453	4				5	5	10	24	57	81
278	ZI3454	5			5		4	10	24	66	90
279	ZI3455	5	5	4				10	24	71	95
280	ZI3456		5	4			5	10	24	71	95
281	ZI3457			5		5	4	10	24	68	92
282	ZI3458	4			5	5		10	24	71	95
283	ZI3459	4	5			5		10	24	66	90
284	ZI3460		4		5		5	10	24	61	85
285	ZI3461	4	5			5		10	24	66	90
286	ZI3462	5			5		4	10	24	66	90
287	ZI3463	5		5		4		10	24	71	95
288	ZI3464			5	5		4	10	24	66	90
289	ZI3465	5			5	4		10	24	66	90
290	ZI3466	5		5			4	10	24	71	95
291	ZI3467		5			4	5	10	24	71	95
292	ZI3468		5	4			5	10	24	66	90
293	ZI3469		4			5	5	10	24	71	95
294	ZI3470				5	5	4	10	24	66	90
295	ZI3471		5	4			5	10	24	56	80
296	ZI3472	4	4		5			10	23	62	85
297	ZI3473	3	5				5	10	23	62	85

298	Z13474			4	5		4	10	23	57	80
<b>No. of Students Attempted</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>17</b>	<b>16</b>	<b>298</b>	<b>29</b>	<b>298</b>		
	<b>7</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>		<b>8</b>			
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>17</b>	<b>16</b>					
	<b>7</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>3</b>					
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										298	
<b>% of students secured &gt;= Threshold marks</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>99.</b>	<b>99.</b>	<b>10</b>				<b>100</b>	
	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>42</b>	<b>0</b>					
<b>Attainment Level</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>				<b>3</b>	
<b>Direct CO Attainment</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>					
<b>Indirect CO Attainment Level</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>					
		<b>3</b>	<b>2</b>	<b>2</b>		<b>1</b>					
<b>Total CO Attainment</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>					
	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>					
<b>Average CO Attainment</b>										2.93	

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>62</b>	<b>60</b>	<b>65</b>	<b>66</b>	<b>66</b>	<b>62</b>
<b>Level 2</b>	<b>86</b>	<b>80</b>	<b>73</b>	<b>79</b>	<b>78</b>	<b>81</b>
<b>Level 3</b>	<b>150</b>	<b>158</b>	<b>160</b>	<b>156</b>	<b>154</b>	<b>155</b>
<b>Total no. of students participated</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>
<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.33</b>	<b>2.32</b>	<b>2.32</b>	<b>2.3</b>	<b>2.31</b>

**COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL**

CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2		3	3	2	2	1	2	3		2
CO2	2	3	2	2	2	3	3		3		3	1
CO3	3	2	1		3	1	2	3	2	3	2	3
CO4	2	1	2	3	2	2		2		2		1
CO5	2		3	2		3			1	1	1	2
CO6	1	2	2	1	3		1	2		2	3	
<b>Average PO Attainment</b>	<b>2.17</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.6</b>	<b>2.2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.25</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>2.12</b>	<b>1.95</b>	<b>1.95</b>	<b>2.15</b>	<b>2.54</b>	<b>2.15</b>	<b>1.95</b>	<b>1.95</b>	<b>1.95</b>	<b>2.15</b>	<b>2.2</b>	<b>1.76</b>

Computation of CO Direct Attainment																
Course : SE																
Class: BCA III Sem.-VI      A.Y. 2021-22      Course Code:																
Internal Assessment										External Assessment						
Sr. No.	Test-I (15) (Any three)							Assignment	Total	Marks						
	MAX.							Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75
	Seat No							CO1	CO2	CO3	CO4	CO5	CO6			
1	ZI3180							5			5	5		10	25	51
2	ZI3181									5	5	5		10	25	32
3	ZI3182							5	5		5			10	25	42
4	ZI3183							5				5	5	10	25	43

5	ZI3184	5	5		5			10	2 5	43
6	ZI3185	5	5			5		10	2 5	20
7	ZI3186			5	5		5	10	2 5	50
8	ZI3187			5		5	5	10	2 5	34
9	ZI3188	5	5		5			10	2 5	47
10	ZI3189	5	5			5		10	2 5	21
11	ZI3190	5		5	5			10	2 5	7
12	ZI3191				4	5	5	10	2 4	30
13	ZI3192	3		3	4			10	2 0	30
14	ZI3193	5	5		5			10	2 5	25
15	ZI3194		3		3	4		10	2 0	AA
16	ZI3195	5		5		5		10	2 5	25
17	ZI3196	5			5	5		10	2 5	46
18	ZI3197	5		5			5	10	2 5	30
19	ZI3198				5	5	5	10	2 5	33
20	ZI3199			5	5	5		10	2 5	39
21	ZI3200	5	5		5			10	2 5	35
22	ZI3201		5			5	5	10	2 5	39
23	ZI3202	5			5		5	10	2 5	21
24	ZI3203			5	5	5		10	2 5	44
25	ZI3204	4			4	2		10	2 0	13
26	ZI3205	5		5	5			10	2 5	30
27	ZI3206	5			5	5		10	2 5	37
28	ZI3207		5			5	5	10	2 5	35
29	ZI3208		5		5	5		10	2 5	30

30	ZI3209	5		5			5	10	2 5	30
31	ZI3210				5	5	5	10	2 5	49
32	ZI3211	5		5	5			10	2 5	36
33	ZI3212		5			5	5	10	2 5	48
34	ZI3213	5	5			5		10	2 5	54
35	ZI3214	5			5	5		10	2 5	31
36	ZI3215			5	5		5	10	2 5	31
37	ZI3216		5		5	5		10	2 5	56
38	ZI3217		5			5	5	10	2 5	39
39	ZI3218	5	5		5			10	2 5	21
40	ZI3219				5	5	5	10	2 5	30
41	ZI3220	5		5		5		10	2 5	48
42	ZI3221	5		5	5			10	2 5	54
43	ZI3222		5	5		5		10	2 5	30
44	ZI3223		5			5	5	10	2 5	52
45	ZI3224			5		5	5	10	2 5	30
46	ZI3225				5	5	5	10	2 5	30
47	ZI3226	5			5	5		10	2 5	12
48	ZI3227	5		5		5		10	2 5	41
49	ZI3228		5			5	5	10	2 5	41
50	ZI3229		5			5	5	10	2 5	17
51	ZI3230	5	5		5			10	2 5	56
52	ZI3231		5		5	5		10	2 5	16
53	ZI3232	5			5	5		10	2 5	10
54	ZI3233	5	5	5				10	2 5	50

55	ZI3234	5	5			5		10	2 5	21
56	ZI3235	5	5	5				10	2 5	43
57	ZI3236	5		5		5		10	2 5	40
58	ZI3237			5		5	5	10	2 5	18
59	ZI3238	5			5		5	10	2 5	33
60	ZI3239		5		5		5	10	2 5	5
61	ZI3240		5			5	5	10	2 5	52
62	ZI3241	2	4		4			10	2 0	46
63	ZI3242		5			5	5	10	2 5	52
64	ZI3243	5			5	5		10	2 5	30
65	ZI3244	5		5	5			10	2 5	45
66	ZI3245				5	5	5	10	2 5	32
67	ZI3246	5			5		5	10	2 5	43
68	ZI3247		5	5	5			10	2 5	4
69	ZI3248		5	5			5	10	2 5	36
70	ZI3249		5	5		5		10	2 5	42
71	ZI3250	2		4			4	10	2 0	23
72	ZI3251	5			5		5	10	2 5	6
73	ZI3252			5		5	5	10	2 5	17
74	ZI3253	5			5	5		10	2 5	30
75	ZI3254		5	5		5		10	2 5	42
76	ZI3255	5	5				5	10	2 5	17
77	ZI3256		5	5		5		10	2 5	9
78	ZI3257	5			5		5	10	2 5	45
79	ZI3258			5		5	5	10	2 5	43

80	ZI3259	5			5	5		10	2 5	52
81	ZI3260	2		4			4	10	2 0	43
82	ZI3261	5			5	5		10	2 5	49
83	ZI3262		5		5		5	10	2 5	54
84	ZI3263	5	5			5		10	2 5	35
85	ZI3475	5	5				5	10	2 5	0
86	ZI3264	5		5		5		10	2 5	20
87	ZI3265	5			5		5	10	2 5	43
88	ZI3266			5		5	5	10	2 5	44
89	ZI3267	5			5		5	10	2 5	35
90	ZI3268			5	5	5		10	2 5	2
91	ZI3269	5				5	5	10	2 5	9
92	ZI3270			5	5		5	10	2 5	6
93	ZI3271	5				5	5	10	2 5	30
94	ZI3476			5	4	1		10	2 0	30
95	ZI3272	5			5		5	10	2 5	23
96	ZI3273	4		4	2			10	2 0	AA
97	ZI3274				5	5	5	10	2 5	47
98	ZI3275	5	5			5		10	2 5	30
99	ZI3276	5	5		5			10	2 5	56
100	ZI3277	5	5			5		10	2 5	34
101	ZI3278		5		5		5	10	2 5	46
102	ZI3279			5	5	5		10	2 5	22
103	ZI3280			5	5	5		10	2 5	11
104	ZI3281	5	5	5				10	2 5	3

105	ZI3282		5			5	5	10	2 5	50
106	ZI3283	1		5			4	10	2 0	0
107	ZI3284	5			5	5		10	2 5	1
108	ZI3285			5		5	5	10	2 5	21
109	ZI3286			5	5		5	10	2 5	23
110	ZI3287		3			4	3	10	2 0	30
111	ZI3288		5		5	5		10	2 5	28
112	ZI3289		5	5	5			10	2 5	32
113	ZI3290	5		5		5		10	2 5	0
114	ZI3291	5	5			5		10	2 5	37
115	ZI3292		5	5		5		10	2 5	42
116	ZI3293	5	5				5	10	2 5	14
117	ZI3294	5		5		3		10	2 3	20
118	ZI3295	5			5		5	10	2 5	10
119	ZI3296			5		5	5	10	2 5	40
120	ZI3297	4		4		2		10	2 0	17
121	ZI3298		5			5	5	10	2 5	12
122	ZI3299		5			5	5	10	2 5	14
123	ZI3300		5	5			5	10	2 5	30
124	ZI3301	5			5	5		10	2 5	45
125	ZI3302			5		5	5	10	2 5	24
126	ZI3303	5			5		5	10	2 5	20
127	ZI3304			4	3	3		10	2 0	AA
128	ZI3305	5				5	5	10	2 5	9
129	ZI3306			5	5		5	10	2 5	44



130	ZI3307	4			4	2		10	20	35
131	ZI3308	5	5			5		10	25	28
132	ZI3309		5		5	5		10	25	43
133	ZI3310		5		5		5	10	25	20
134	ZI3311	5	5			5		10	25	5
135	ZI3312				5	5	5	10	25	14
136	ZI3313	5		5	5			10	25	5
137	ZI3314			5		5	5	10	25	5
138	ZI3315				5	5	5	10	25	7
139	ZI3316			5	5		5	10	25	23
140	ZI3317	5	5			5		10	25	1
141	ZI3318		5		5	5		10	25	30
142	ZI3319				5	5	5	10	25	30
143	ZI3320	5		5			5	10	25	38
144	ZI3321	5			5		5	10	25	21
145	ZI3322			5	5	5		10	25	3
146	ZI3323	3				3	4	10	20	16
147	ZI3324			5	5		5	10	25	40
148	ZI3325			5		5	5	10	25	32
149	ZI3326		5			5	5	10	25	24
150	ZI3327	5	5	5				10	25	19
151	ZI3328		2			5	3	10	20	1
152	ZI3329				5	5	5	10	25	40
153	ZI3330	5		5			5	10	25	18
154	ZI3331	5			5		5	10	25	47

155	ZI3332			5	5	5		10	2 5	16
156	ZI3333	5				5	5	10	2 5	6
157	ZI3334		5	5			5	10	2 5	38
158	ZI3335	5	5			5		10	2 5	33
159	ZI3336			5		5	5	10	2 5	44
160	ZI3337	5			5		5	10	2 5	13
161	ZI3338		5	5		5		10	2 5	37
162	ZI3339		5			5	5	10	2 5	36
163	ZI3340			5		5	5	10	2 5	36
164	ZI3341	5		5	5			10	2 5	41
165	ZI3342			5		5	5	10	2 5	20
166	ZI3343		5			5	5	10	2 5	19
167	ZI3344	5	5			5		10	2 5	19
168	ZI3345		4			4	2	10	2 0	41
169	ZI3346	5		5			5	10	2 5	30
170	ZI3347	5			5	5		10	2 5	44
171	ZI3348			5		5	5	10	2 5	20
172	ZI3349	5			5		5	10	2 5	21
173	ZI3350			5	5	5		10	2 5	7
174	ZI3351	5				5	5	10	2 5	11
175	ZI3352			5	5		5	10	2 5	32
176	ZI3353	5			5	5		10	2 5	12
177	ZI3354	5	5		5		5	10	2 5	7
178	ZI3355		5			5	5	10	2 5	21
179	ZI3356		5		5	5		10	2 5	20

180	ZI3357		5		5		5	10	2 5	37
181	ZI3358			5	5	5		10	2 5	48
182	ZI3359		4	4			2	10	2 0	5
183	ZI3360		5			5	5	10	2 5	31
184	ZI3477		2	4		4		10	2 0	4
185	ZI3361	5				5	5	10	2 5	20
186	ZI3362	4		2		4		10	2 0	19
187	ZI3363			5	5		5	10	2 5	35
188	ZI3364	5	5			5		10	2 5	2
189	ZI3365	4	2				4	10	2 0	2
190	ZI3366			5	5		5	10	2 5	14
191	ZI3367	5			5	5		10	2 5	48
192	ZI3368	5		5			5	10	2 5	30
193	ZI3369	5			5	5		10	2 5	21
194	ZI3370			5	5	5		10	2 5	36
195	ZI3371		3	3			4	10	2 0	43
196	ZI3372		5		5	5		10	2 5	33
197	ZI3373			5	5		5	10	2 5	28
198	ZI3374	5		5		5		10	2 5	18
199	ZI3375	5			5		5	10	2 5	36
200	ZI3376	5	5			5		10	2 5	30
201	ZI3377		4		4		2	10	2 0	8
202	ZI3378	5	5			5		10	2 5	41
203	ZI3379			5	5		5	10	2 5	43
204	ZI3380	5		5		5		10	2 5	15

205	ZI3381	5			5		5	10	2 5	42
206	ZI3382			5	5		5	10	2 5	30
207	ZI3383	5				5	5	10	2 5	40
208	ZI3384			5	5	5		10	2 5	39
209	ZI3385	5	5		5			10	2 5	39
210	ZI3386		5	5		5		10	2 5	38
211	ZI3387	5			5	5		10	2 5	47
212	ZI3388			5	5		5	10	2 5	49
213	ZI3389	5				5	5	10	2 5	31
214	ZI3390	5	5			5		10	2 5	10
215	ZI3391		5		5		5	10	2 5	20
216	ZI3392	5		5		5		10	2 5	39
217	ZI3393				5	5	5	10	2 5	53
218	ZI3394	5	5	5				10	2 5	35
219	ZI3395	5	5	5				10	2 5	46
220	ZI3396	5	5	5				10	2 5	42
221	ZI3397	5	5	5				10	2 5	20
222	ZI3398			5	5		5	10	2 5	44
223	ZI3399	5			5		5	10	2 5	15
224	ZI3400	5		5		5		10	2 5	43
225	ZI3401	4	4			2		10	2 0	AA
226	ZI3402		5		5		5	10	2 5	17
227	ZI3403		5		5		5	10	2 5	47
228	ZI3404			5	5		5	10	2 5	52
229	ZI3405	5			5		5	10	2 5	54

230	ZI3406	5		5		5		10	2 5	7
231	ZI3407	5	5			5		10	2 5	33
232	ZI3408		5		5	5		10	2 5	2
233	ZI3409		5		5		5	10	2 5	51
234	ZI3410			5		5	5	10	2 5	49
235	ZI3411	5		5	5			10	2 5	9
236	ZI3412				5	5	5	10	2 5	33
237	ZI3413	5	5	5				10	2 5	31
238	ZI3414		5		5		5	10	2 5	30
239	ZI3415	5		5	5			10	2 5	34
240	ZI3416				5	5	5	10	2 5	17
241	ZI3417	5		5		5		10	2 5	5
242	ZI3418	5			5	5		10	2 5	21
243	ZI3419		5	5			5	10	2 5	30
244	ZI3420		5	5			5	10	2 5	12
245	ZI3421			5	5	5		10	2 5	10
246	ZI3422	5		5			5	10	2 5	36
247	ZI3423	4				4	2	10	2 0	15
248	ZI3424		5		5	5		10	2 5	37
249	ZI3425		5		5		5	10	2 5	38
250	ZI3426	5	5			5		10	2 5	19
251	ZI3427	5			5		5	10	2 5	44
252	ZI3428	5		5		5		10	2 5	46
253	ZI3429				5	5	5	10	2 5	35
254	ZI3430		5	5		5		10	2 5	53

255	ZI3431		5	5	5			10	2 5	33
256	ZI3432	5			5	5		10	2 5	36
257	ZI3433			5		5	5	10	2 5	31
258	ZI3434	5			5		5	10	2 5	11
259	ZI3435	5		5		5		10	2 5	AA
260	ZI3436	5	5		5			10	2 5	32
261	ZI3437		5		5		5	10	2 5	36
262	ZI3438				5	5	5	10	2 5	21
263	ZI3439		5	5			5	10	2 5	40
264	ZI3440		5	5			5	10	2 5	48
265	ZI3441	5		5		5		10	2 5	15
266	ZI3442	5			5		5	10	2 5	18
267	ZI3443	5		5			5	10	2 5	10
268	ZI3444			5	5		5	10	2 5	14
269	ZI3445		3		3		4	10	2 0	53
270	ZI3446		5		5		5	10	2 5	16
271	ZI3447		5		5	5		10	2 5	46
272	ZI3448	5		5		5		10	2 5	46
273	ZI3449			5		5	5	10	2 5	46
274	ZI3450		5		5		5	10	2 5	49
275	ZI3451		5		5		5	10	2 5	47
276	ZI3452			5	5		5	10	2 5	59
277	ZI3453	5				5	5	10	2 5	1
278	ZI3454	5			5		5	10	2 5	30
279	ZI3455	5		5	5			10	2 5	18

280	ZI3456		5		5		5	10	2 5	40
281	ZI3457		5			5	5	10	2 5	2
282	ZI3458	5			5	5		10	2 5	42
283	ZI3459	5		5		5		10	2 5	46
284	ZI3460		5		5		5	10	2 5	21
285	ZI3461	5		5		5		10	2 5	31
286	ZI3462	5			5		5	10	2 5	30
287	ZI3463	5		5		5		10	2 5	30
288	ZI3464		5	5			5	10	2 5	44
289	ZI3465	5	5			5		10	2 5	48
290	ZI3466	5		5			5	10	2 5	20
291	ZI3467				5	5	5	10	2 5	15
292	ZI3468			5	5		5	10	2 5	38
293	ZI3469		5			5	5	10	2 5	45
294	ZI3470		3			3	4	10	2 0	18
295	ZI3471			5		5	5	10	2 5	8
296	ZI3472	5			5	5		10	2 5	15
297	ZI3473	5	5			5		10	2 5	21
298	ZI3474		5	5	5			10	2 5	2
<b>No. of Students Attempted</b>		<b>15 1</b>	<b>12 4</b>	<b>13 1</b>	<b>15 6</b>	<b>17 4</b>	<b>15 9</b>	<b>298</b>	<b>2 9 8</b>	<b>293</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14 7</b>	<b>12 1</b>	<b>13 0</b>	<b>15 5</b>	<b>16 9</b>	<b>15 5</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										178
<b>% of students secured &gt;= Threshold marks</b>		<b>97. 35</b>	<b>97. 58</b>	<b>99. 24</b>	<b>99. 36</b>	<b>97. 13</b>	<b>97. 48</b>			<b>60.75</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>2</b>

<b>Direct CO Attainment</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>			
<b>Indirect CO Attainment Level</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>			
	<b>1</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>			
<b>Total CO Attainment</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.9</b>			
	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>			
<b>Average CO Attainment</b>									2.33

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	59	60	60	64	59	58
<b>Level 2</b>	89	80	78	78	85	85
<b>Level 3</b>	150	158	160	156	154	155
<b>Total no. of students participated</b>	298	298	298	298	298	298
<b>CO Attainment Level</b>	<b>2.31</b>	<b>2.33</b>	<b>2.34</b>	<b>2.31</b>	<b>2.32</b>	<b>2.33</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1		3		3	3	1	1	2	3	2	2	
CO2	1	2	3	2	3			1		3	1	2
CO3	2	3	2	1	1	3	1	3	1	2		3
CO4	1			2		2	2	2	2		1	
CO5	3	2	1	1	3	3	3	1		1	3	2
CO6		3	3		1	2	1		3	1		1



<b>Average PO Attainment</b>	<b>1.75</b>	<b>2.6</b>	<b>2.25</b>	<b>1.8</b>	<b>2.2</b>	<b>2.2</b>	<b>1.6</b>	<b>1.8</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.36</b>	<b>2.02</b>	<b>1.75</b>	<b>1.4</b>	<b>1.71</b>	<b>1.71</b>	<b>1.24</b>	<b>1.4</b>	<b>1.75</b>	<b>1.4</b>	<b>1.36</b>	<b>1.55</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course : PY</b>												
<b>Class: BCA III Sem.-VI      A.Y. 2021-22      Course Code:</b>												
<b>Internal Assessment</b>										<b>External Assessment</b>		
<b>Sr. No.</b>		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)					Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5					CO 6
1	ZI3180	5	5			5		10	25	49		
2	ZI3181		3	5		5		10	23	44		
3	ZI3182	5		5	5			10	25	43		
4	ZI3183	5				3	5	10	23	30		
5	ZI3184	5		5	5			10	25	63		
6	ZI3185	5	3			5		10	23	17		
7	ZI3186		5	5			5	10	25	38		
8	ZI3187			5		5	5	10	25	15		
9	ZI3188		5	5	5			10	25	58		
10	ZI3189		5			5	3	10	23	36		
11	ZI3190		5	5	3			10	23	19		

12	ZI3191				4	4	2	10	2 0	17
13	ZI3192	5		4	4			10	2 3	35
14	ZI3193	5	3		5			10	2 3	44
15	ZI3194		3		3	4		10	2 0	AA
16	ZI3195	5	5			5		10	2 5	16
17	ZI3196	5			5	5		10	2 5	30
18	ZI3197	4		4	2			10	2 0	7
19	ZI3198				5	3	5	10	2 3	35
20	ZI3199		5			5	3	10	2 3	37
21	ZI3200	5	5		5			10	2 5	38
22	ZI3201		5			5	5	10	2 5	40
23	ZI3202			4	4	2		10	2 0	31
24	ZI3203			5	5		3	10	2 3	48
25	ZI3204	4	4			2		10	2 0	12
26	ZI3205	4	4			2		10	2 0	38
27	ZI3206	5	5			5		10	2 5	47
28	ZI3207			5		5	5	10	2 5	30
29	ZI3208			5	5	3		10	2 3	35
30	ZI3209	5	3				5	10	2 3	24
31	ZI3210		5			5	5	10	2 5	43
32	ZI3211	5	5	5				10	2 5	43
33	ZI3212			5		3	5	10	2 3	40
34	ZI3213	5		5		5		10	2 5	33
35	ZI3214	4			4	2		10	2 0	17
36	ZI3215		4			4	2	10	2 0	14

37	ZI3216		5		5	5		10	2 5	59
38	ZI3217		5			5	5	10	2 5	59
39	ZI3218	4			4	2		10	2 0	13
40	ZI3219			4		4	2	10	2 0	23
41	ZI3220	5		5		3		10	2 3	39
42	ZI3221	5	5		5			10	2 5	32
43	ZI3222		4			4	2	10	2 0	26
44	ZI3223		4			4	2	10	2 0	33
45	ZI3224		5			5	5	10	2 5	30
46	ZI3225			4		4	2	10	2 0	33
47	ZI3226	5	5		5			10	2 5	31
48	ZI3227	5	5	5				10	2 5	50
49	ZI3228			5	3		5	10	2 3	41
50	ZI3229			4		4	2	10	2 0	25
51	ZI3230	5	5		5			10	2 5	43
52	ZI3231		5		5	5		10	2 5	10
53	ZI3232	5		3		5		10	2 3	35
54	ZI3233	5		5	5			10	2 5	41
55	ZI3234		5		5	5		10	2 5	33
56	ZI3235		5	5	5			10	2 5	37
57	ZI3236		5	5		5		10	2 5	44
58	ZI3237			4		4	2	10	2 0	30
59	ZI3238	5			3		5	10	2 3	41
60	ZI3239		5		4		4	10	2 3	27
61	ZI3240		5			5	5	10	2 5	43

62	ZI3241	2	4		4			10	2 0	38
63	ZI3242			5		5	5	10	2 5	51
64	ZI3243	4			4	2		10	2 0	19
65	ZI3244	5		5		3		10	2 3	30
66	ZI3245			3	5		5	10	2 3	37
67	ZI3246		5		3		5	10	2 3	49
68	ZI3247		5	4	4			10	2 3	23
69	ZI3248		5	5			3	10	2 3	34
70	ZI3249	5		5		5		10	2 5	43
71	ZI3250	2		4			4	10	2 0	25
72	ZI3251	5	5		3			10	2 3	18
73	ZI3252		5	5		3		10	2 3	20
74	ZI3253	5	3			5		10	2 3	18
75	ZI3254	2	4				4	10	2 0	23
76	ZI3255	2	4				4	10	2 0	20
77	ZI3256		5		3	5		10	2 3	25
78	ZI3257	5			5		3	10	2 3	45
79	ZI3258			5		5	5	10	2 5	32
80	ZI3259	5			5	5		10	2 5	43
81	ZI3260	2		4			4	10	2 0	30
82	ZI3261	5	5			5		10	2 5	3
83	ZI3262		5	5			5	10	2 5	46
84	ZI3263	5			3	5		10	2 3	33
85	ZI3475	4		4			2	10	2 0	1
86	ZI3264	4	2	4				10	2 0	20

87	ZI3265	5	5		5			10	2 5	41
88	ZI3266		3	5		5		10	2 3	31
89	ZI3267	5			5		5	10	2 5	36
90	ZI3268			5	5	5		10	2 5	16
91	ZI3269	4				4	5	10	2 3	8
92	ZI3270			5	5		5	10	2 5	16
93	ZI3271	4				4	5	10	2 3	30
94	ZI3476		3	5		2		10	2 0	30
95	ZI3272	5	5				5	10	2 5	21
96	ZI3273	4	2	4				10	2 0	AA
97	ZI3274				5	3	2	10	2 0	40
98	ZI3275	3		5		5		10	2 3	30
99	ZI3276	5	5		5			10	2 5	43
100	ZI3277	5	3		2			10	2 0	19
101	ZI3278		5		5		5	10	2 5	39
102	ZI3279		5		5	5		10	2 5	18
103	ZI3280			5	5	5		10	2 5	14
104	ZI3281	5	2	3				10	2 0	12
105	ZI3282		5			5	5	10	2 5	40
106	ZI3283	1		5			4	10	2 0	2
107	ZI3284	3		5		5		10	2 3	3
108	ZI3285		3		5		5	10	2 3	15
109	ZI3286		5		5		5	10	2 5	14
110	ZI3287	3				4	3	10	2 0	20
111	ZI3288	3		5		5		10	2 3	17

112	ZI3289	5		5	5			10	2 5	13
113	ZI3290	5	3		2			10	2 0	5
114	ZI3291	3	5			5		10	2 3	11
115	ZI3292		5		5	5		10	2 5	46
116	ZI3293	3	5			5		10	2 3	9
117	ZI3294	5	5			3		10	2 3	11
118	ZI3295	3		5		5		10	2 3	13
119	ZI3296			5		5	5	10	2 5	39
120	ZI3297	5			5	5		10	2 5	27
121	ZI3298				5	5	5	10	2 5	6
122	ZI3299		5			5	5	10	2 5	22
123	ZI3300		5	5			5	10	2 5	32
124	ZI3301	5	5			5		10	2 5	54
125	ZI3302		5	3			5	10	2 3	19
126	ZI3303	3		5		5		10	2 3	22
127	ZI3304			3	5		5	10	2 3	3
128	ZI3305	5		3	2			10	2 0	4
129	ZI3306		3		5		5	10	2 3	20
130	ZI3307	3	5			5		10	2 3	42
131	ZI3308	5	3		2			10	2 0	9
132	ZI3309		5		5	5		10	2 5	44
133	ZI3310		5		5		5	10	2 5	30
134	ZI3311	3	5			5		10	2 3	6
135	ZI3312		3		5		5	10	2 3	11
136	ZI3313	5		5	5			10	2 5	19

137	ZI3314			5		5	5	10	2 5	8
138	ZI3315	3			5		5	10	2 3	11
139	ZI3316	5	2	3				10	2 0	3
140	ZI3317	5	3			5		10	2 3	3
141	ZI3318		5	5		5		10	2 5	23
142	ZI3319		5			3	5	10	2 3	54
143	ZI3320			5		5	3	10	2 3	15
144	ZI3321	5	3		5			10	2 3	40
145	ZI3322		5	5	5			10	2 5	10
146	ZI3323	4				5	4	10	2 3	3
147	ZI3324			5	5		5	10	2 5	33
148	ZI3325	5		3	2			10	2 0	30
149	ZI3326				5	5	5	10	2 5	19
150	ZI3327	5	5			3		10	2 3	7
151	ZI3328	5	2	3				10	2 0	0
152	ZI3329		5			5	5	10	2 5	34
153	ZI3330	5		5			5	10	2 5	30
154	ZI3331	5			5		5	10	2 5	37
155	ZI3332			5	5	5		10	2 5	33
156	ZI3333		5			3	5	10	2 3	7
157	ZI3334		5			3	5	10	2 3	30
158	ZI3335	5			3	5		10	2 3	44
159	ZI3336			5		5	5	10	2 5	46
160	ZI3337	5		3	2			10	2 0	19
161	ZI3338		5	5		5		10	2 5	30

162	ZI3339		5			5	5	10	2 5	30
163	ZI3340	5	2	3				10	2 0	32
164	ZI3341	5	2	3				10	2 0	59
165	ZI3342			5		3	5	10	2 3	30
166	ZI3343	5		3	2			10	2 0	31
167	ZI3344	5			5	5		10	2 5	33
168	ZI3345				4	4	5	10	2 3	30
169	ZI3346	5		5			5	10	2 5	19
170	ZI3347	5	5		5			10	2 5	40
171	ZI3348		5	5			5	10	2 5	31
172	ZI3349	5			5		5	10	2 5	30
173	ZI3350			5	3	5		10	2 3	30
174	ZI3351	5				5	5	10	2 5	18
175	ZI3352			5	5		5	10	2 5	17
176	ZI3353	5			3	5		10	2 3	18
177	ZI3354	5	5					10	2 0	12
178	ZI3355		5			5	3	10	2 3	34
179	ZI3356		5		5	5		10	2 5	24
180	ZI3357		5			3	5	10	2 3	45
181	ZI3358			5	5	5		10	2 5	38
182	ZI3359			4	4		2	10	2 0	7
183	ZI3360		5			5	5	10	2 5	5
184	ZI3477			4	2	4		10	2 0	3
185	ZI3361	5				5	5	10	2 5	25
186	ZI3362		5		3		5	10	2 3	31



187	ZI3363		5		3		5	10	2 3	42
188	ZI3364	5		5		5		10	2 5	26
189	ZI3365		4	2			4	10	2 0	2
190	ZI3366		5	3	2			10	2 0	22
191	ZI3367		5		5	5		10	2 5	35
192	ZI3368		5	5		3		10	2 3	24
193	ZI3369	5			5	5		10	2 5	44
194	ZI3370	5		5		3		10	2 3	35
195	ZI3371	5		5			5	10	2 5	37
196	ZI3372	5			5	5		10	2 5	25
197	ZI3373		5		5		5	10	2 5	14
198	ZI3374		5		5		3	10	2 3	8
199	ZI3375	5	5			3		10	2 3	38
200	ZI3376	5	5			5		10	2 5	13
201	ZI3377			5	5		5	10	2 5	1
202	ZI3378	5	5			3		10	2 3	42
203	ZI3379		5		5		3	10	2 3	42
204	ZI3380	5		5		3		10	2 3	8
205	ZI3381	5			5		5	10	2 5	30
206	ZI3382		5	3	2			10	2 0	16
207	ZI3383		5			5	5	10	2 5	24
208	ZI3384			5	5	5		10	2 5	35
209	ZI3385	5			5		5	10	2 5	31
210	ZI3386			5		5	5	10	2 5	30
211	ZI3387	5			5	5		10	2 5	37

212	ZI3388			5	5		5	10	2 5	47
213	ZI3389		5	3		5		10	2 3	30
214	ZI3390		5	3		5		10	2 3	23
215	ZI3391		4		5	4		10	2 3	15
216	ZI3392		5	3	2			10	2 0	21
217	ZI3393		4		5	4		10	2 3	30
218	ZI3394	5		5		5		10	2 5	31
219	ZI3395	5		5		5		10	2 5	41
220	ZI3396	4			5	4		10	2 3	20
221	ZI3397	5		5		5		10	2 5	33
222	ZI3398		5		5		5	10	2 5	30
223	ZI3399	5	3		2			10	2 0	7
224	ZI3400	5	5			5		10	2 5	43
225	ZI3401	4		4		2		10	2 0	AA
226	ZI3402	5		3	2			10	2 0	20
227	ZI3403		5		5		5	10	2 5	44
228	ZI3404		5		5		5	10	2 5	41
229	ZI3405	5			5		5	10	2 5	67
230	ZI3406	5		5		5		10	2 5	20
231	ZI3407	4			5	4		10	2 3	21
232	ZI3408	5		3	2			10	2 0	3
233	ZI3409		5		5		5	10	2 5	44
234	ZI3410		5			5	5	10	2 5	48
235	ZI3411	5	3		2			10	2 0	14
236	ZI3412			4		5	4	10	2 3	32

237	ZI3413	4			5	4		10	2 3	35
238	ZI3414				5	5	5	10	2 5	33
239	ZI3415	5		5	5			10	2 5	22
240	ZI3416			4		5	4	10	2 3	9
241	ZI3417	4			5	4		10	2 3	26
242	ZI3418	4	5			4		10	2 3	21
243	ZI3419	5	2	3				10	2 0	35
244	ZI3420	5	2	3				10	2 0	20
245	ZI3421	4	5			4		10	2 3	26
246	ZI3422	4			5	4		10	2 3	35
247	ZI3423	4			5	4		10	2 3	9
248	ZI3424			5	3		5	10	2 3	30
249	ZI3425	5	2	3				10	2 0	30
250	ZI3426	5	2	3				10	2 0	2
251	ZI3427	5	5				5	10	2 5	50
252	ZI3428	5		5		5		10	2 5	31
253	ZI3429			5	3		5	10	2 3	33
254	ZI3430		3	5			5	10	2 3	48
255	ZI3431		5	5			5	10	2 5	43
256	ZI3432	5	5			5		10	2 5	35
257	ZI3433		3	5			5	10	2 3	21
258	ZI3434		3	5			5	10	2 3	AA
259	ZI3435	5		3	2			10	2 0	AA
260	ZI3436	5		5	5			10	2 5	20
261	ZI3437			5	5		5	10	2 5	16

262	ZI3438				5	5	5	10	2 5	34
263	ZI3439		3	5			5	10	2 3	47
264	ZI3440		5	5			5	10	2 5	37
265	ZI3441		3	5			5	10	2 3	30
266	ZI3442	5	2	3				10	2 0	14
267	ZI3443			5	3		5	10	2 3	21
268	ZI3444			5	3		5	10	2 3	30
269	ZI3445	3	5				5	10	2 3	42
270	ZI3446	5	5				5	10	2 5	33
271	ZI3447		5		5	5		10	2 5	46
272	ZI3448		5		3		5	10	2 3	39
273	ZI3449			5		5	5	10	2 5	44
274	ZI3450				5	5	5	10	2 5	44
275	ZI3451			5	3		5	10	2 3	46
276	ZI3452		5	5			5	10	2 5	42
277	ZI3453		3	5			5	10	2 3	17
278	ZI3454	5	5				5	10	2 5	21
279	ZI3455		3	5			5	10	2 3	14
280	ZI3456		5	5			5	10	2 5	49
281	ZI3457	5		3	2			10	2 0	17
282	ZI3458			5	3		5	10	2 3	21
283	ZI3459			5	3		5	10	2 3	34
284	ZI3460			5	5		5	10	2 5	21
285	ZI3461	5		5		5		10	2 5	33
286	ZI3462	5			5		5	10	2 5	30

287	ZI3463	5	2	3				10	2 0	21
288	ZI3464		3	5			5	10	2 3	11
289	ZI3465	5	5			5		10	2 5	44
290	ZI3466		3	5			5	10	2 3	4
291	ZI3467		3	5			5	10	2 3	20
292	ZI3468			5	3		5	10	2 3	30
293	ZI3469		5			5	5	10	2 5	42
294	ZI3470			5	3		5	10	2 3	3
295	ZI3471		5		3		5	10	2 3	11
296	ZI3472	5	3		2			10	2 0	12
297	ZI3473	5				5	5	10	2 5	30
298	ZI3474			5	3		5	10	2 3	1
<b>No. of Students Attempted</b>		<b>14 6</b>	<b>15 9</b>	<b>14 7</b>	<b>14 3</b>	<b>15 3</b>	<b>14 5</b>	<b>298</b>	<b>2 9 8</b>	<b>293</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14 0</b>	<b>14 6</b>	<b>14 6</b>	<b>12 4</b>	<b>14 5</b>	<b>13 4</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										172
<b>% of students secured &gt;= Threshold marks</b>		<b>95. 89</b>	<b>91. 82</b>	<b>99. 32</b>	<b>86. 71</b>	<b>94. 77</b>	<b>92. 41</b>			<b>58.7</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>1</b>
<b>Direct CO Attainment</b>		<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>			
<b>Indirect CO Attainment Level</b>		<b>2.2 9</b>	<b>2.3 1</b>	<b>2.3 1</b>	<b>2.2 8</b>	<b>2.2 9</b>	<b>2.2 9</b>			
<b>Total CO Attainment</b>		<b>1.4 9</b>	<b>1.4 9</b>	<b>1.4 9</b>	<b>1.4 9</b>	<b>1.4 9</b>	<b>2.9 3</b>			
<b>Average CO Attainment</b>										1.73

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>

Level 1	61	63	64	69	65	65
Level 2	91	81	78	77	83	82
Level 3	146	154	156	152	150	151
Total no. of students participated	298	298	298	298	298	298
CO Attainment Level	2.29	2.31	2.31	2.28	2.29	2.29

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	3	3	1	3	3		2	2	2	1
CO2		2	1	1	3	3		3	1		1	
CO3	3	1		2	2	2	1	2	3	3	3	
CO4	2	2	2	1	1		2		1			2
CO5	1	1		2		1		1		2	1	3
CO6			2		2	2	1	2		1	2	2
Average PO Attainment	1.75	1.4	2	1.8	1.8	2.2	1.75	2	1.75	2	1.8	2
PO's Attainment at Course Level	1.01	0.81	1.15	1.04	1.04	1.27	1.01	1.15	1.01	1.15	1.04	1.15

Computation of CO Direct Attainment
Course : PDAS

**Class: BCA III Sem.-VI      A.Y. 2021-22      Course Code:**

Internal Assessment										External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6
1	ZI3180	5			4	5		10	24	75	
2	ZI3181			5		4	5	10	24	65	
3	ZI3182		4	5	4			10	23	71	
4	ZI3183		5		4	5		10	24	65	
5	ZI3184	4		5	4			10	23	75	
6	ZI3185		5			4	5	10	24	72	
7	ZI3186		5			4	5	10	24	75	
8	ZI3187		4		5	4		10	23	71	
9	ZI3188	5			4	5		10	24	75	
10	ZI3189	4		5	5			10	24	68	
11	ZI3190	5	5	4				10	24	71	
12	ZI3191		4			5	5	10	24	62	
13	ZI3192	4	4	5				10	23	72	
14	ZI3193	4	5	5				10	24	74	
15	ZI3194								AA	AA	
16	ZI3195	4		5		5		10	24	72	
17	ZI3196	5	4		5			10	24	71	
18	ZI3197	2	4		4			10	20	71	

19	ZI3198				2	5	5	10	2 2	73
20	ZI3199			4	5	4		10	2 3	73
21	ZI3200	5	5		4			10	2 4	75
22	ZI3201		4			5	5	10	2 4	65
23	ZI3202	4	5		4			10	2 3	71
24	ZI3203		4			5	5	10	2 4	65
25	ZI3204	2			4	5		10	2 1	72
26	ZI3205	4		5	4			10	2 3	72
27	ZI3206	4	5		4			10	2 3	71
28	ZI3207		4		5	4		10	2 3	68
29	ZI3208		5			5	2	10	2 2	69
30	ZI3209	2		5	5			10	2 2	69
31	ZI3210	4			5	5		10	2 4	68
32	ZI3211			4		5	5	10	2 4	73
33	ZI3212		4			5	5	10	2 4	70
34	ZI3213		5		5	5		10	2 5	73
35	ZI3214	4			5	5		10	2 4	68
36	ZI3215			4		5	5	10	2 4	70
37	ZI3216	4			5	5		10	2 4	74
38	ZI3217			5	5		2	10	2 2	71
39	ZI3218	2		5		5		10	2 2	69
40	ZI3219			4		5	5	10	2 4	72
41	ZI3220	2	5		5			10	2 2	69
42	ZI3221	5	5		5			10	2 5	74
43	ZI3222		5		4	5		10	2 4	68



44	ZI3223				3	4	4	10	2 1	71
45	ZI3224			4		5	5	10	2 4	74
46	ZI3225				4	5	5	10	2 4	71
47	ZI3226		4			5	4	10	2 3	74
48	ZI3227	5	5	4				10	2 4	74
49	ZI3228		5	5			2	10	2 2	72
50	ZI3229		5			4	5	10	2 4	71
51	ZI3230		4			5	4	10	2 3	72
52	ZI3231		5			4	5	10	2 4	70
53	ZI3232				5	5		10	2 0	71
54	ZI3233	5		4		1		10	2 0	71
55	ZI3234	5		4	5			10	2 4	70
56	ZI3235	4	5			5		10	2 4	72
57	ZI3236	4	5			5		10	2 4	73
58	ZI3237			5			5	10	2 0	71
59	ZI3238				4	5	4	10	2 3	71
60	ZI3239		5			4	5	10	2 4	72
61	ZI3240				5	5	5	10	2 5	73
62	ZI3241	5		4		1		10	2 0	71
63	ZI3242		5	5		5		10	2 5	73
64	ZI3243	4	5			5		10	2 4	65
65	ZI3244	5	5	5				10	2 5	73
66	ZI3245		4			5	4	10	2 3	71
67	ZI3246				5	5	5	10	2 5	73
68	ZI3247	4		5	4			10	2 3	70

69	ZI3248				5	5	5	10	2 5	73
70	ZI3249	5		4	5			10	2 4	75
71	ZI3250	5			5	2		10	2 2	70
72	ZI3251		5	4			5	10	2 4	67
73	ZI3252		5	4			5	10	2 4	68
74	ZI3253		5	4			5	10	2 4	70
75	ZI3254	4	5		5			10	2 4	73
76	ZI3255	5		5				10	2 0	70
77	ZI3256			5	5	5		10	2 5	73
78	ZI3257			4		5	5	10	2 4	75
79	ZI3258	4			5	5		10	2 4	73
80	ZI3259		5	5	5			10	2 5	73
81	ZI3260		5	5		1		10	2 1	72
82	ZI3261		4		5	5		10	2 4	74
83	ZI3262		4		5	5		10	2 4	74
84	ZI3263	4			5	5		10	2 4	71
85	ZI3475	4	5			5		10	2 4	69
86	ZI3264			4		5	5	10	2 4	71
87	ZI3265	5		5	5			10	2 5	72
88	ZI3266			4		5	5	10	2 4	68
89	ZI3267				5	5	5	10	2 5	72
90	ZI3268				5	5	5	10	2 5	72
91	ZI3269		5	4			5	10	2 4	70
92	ZI3270		5		4		4	10	2 3	69
93	ZI3271		5		4		4	10	2 3	71

94	ZI3476		5	4			5	10	2 4	67
95	ZI3272			4		5	5	10	2 4	73
96	ZI3273								A A	AA
97	ZI3274				5	4	5	10	2 4	70
98	ZI3275			5		5		10	2 0	71
99	ZI3276	5		5	5			10	2 5	71
100	ZI3277	5			5	5		10	2 5	72
101	ZI3278				5	5	5	10	2 5	71
102	ZI3279	5		5		5		10	2 5	71
103	ZI3280			5	5			10	2 0	71
104	ZI3281	5	5	4				10	2 4	70
105	ZI3282		4			5	4	10	2 3	71
106	ZI3283	4			5	5		10	2 4	70
107	ZI3284			4		5	5	10	2 4	69
108	ZI3285			5	5	5		10	2 5	69
109	ZI3286			4	5	4		10	2 3	71
110	ZI3287	4	5			5		10	2 4	69
111	ZI3288	5	5	5				10	2 5	73
112	ZI3289	5	5	5				10	2 5	74
113	ZI3290	4	5			5		10	2 4	70
114	ZI3291	5		5			2	10	2 2	71
115	ZI3292	5		5			2	10	2 2	71
116	ZI3293		5		5			10	2 0	71
117	ZI3294		5	5				10	2 0	72
118	ZI3295		4		5	5		10	2 4	68

119	ZI3296			2	5		5	10	2 2	72
120	ZI3297	2		5		5		10	2 2	69
121	ZI3298		4		5	4		10	2 3	70
122	ZI3299		4			5	5	10	2 4	71
123	ZI3300			4		5	5	10	2 4	73
124	ZI3301	2			5		5	10	2 2	71
125	ZI3302			4		5	5	10	2 4	68
126	ZI3303	2			5	4		10	2 1	71
127	ZI3304			4		5	5	10	2 4	68
128	ZI3305	4			5		5	10	2 4	67
129	ZI3306		5			5	5	10	2 5	72
130	ZI3307		4			5	4	10	2 3	72
131	ZI3308	4	5			5		10	2 4	65
132	ZI3309			4		5	5	10	2 4	68
133	ZI3310	4	5		5			10	2 4	69
134	ZI3311		5	4			5	10	2 4	68
135	ZI3312	4	5		5			10	2 4	68
136	ZI3313			4		5	5	10	2 4	68
137	ZI3314	3		5	5			10	2 3	72
138	ZI3315		4			5	5	10	2 4	65
139	ZI3316		4			5	5	10	2 4	64
140	ZI3317	4	5		4			10	2 3	74
141	ZI3318	5		4	5			10	2 4	70
142	ZI3319	5			5	2		10	2 2	71
143	ZI3320	4	5			5		10	2 4	71

144	ZI3321		4			5	4	10	2 3	72
145	ZI3322				4	5	4	10	2 3	72
146	ZI3323			4		5	5	10	2 4	68
147	ZI3324			4	5	4		10	2 3	68
148	ZI3325		4	4	5			10	2 3	70
149	ZI3326		5	4			5	10	2 4	68
150	ZI3327	5			5		5	10	2 5	74
151	ZI3328				5	4	5	10	2 4	68
152	ZI3329			5	5		5	10	2 5	74
153	ZI3330	4	5			5		10	2 4	70
154	ZI3331		5			5	5	10	2 5	74
155	ZI3332				5	5	5	10	2 5	74
156	ZI3333			1		5	5	10	2 1	72
157	ZI3334				5	5	5	10	2 5	73
158	ZI3335	1			5		5	10	2 1	71
159	ZI3336		4			5	4	10	2 3	74
160	ZI3337		5	2		5		10	2 2	73
161	ZI3338		4			5	4	10	2 3	73
162	ZI3339				4	5	4	10	2 3	71
163	ZI3340			4		5	5	10	2 4	74
164	ZI3341	4			5	5		10	2 4	74
165	ZI3342	4			5	5		10	2 4	68
166	ZI3343		4		5		5	10	2 4	67
167	ZI3344		4		5		5	10	2 4	73
168	ZI3345		4		5		5	10	2 4	60

169	ZI3346		5		4		4	10	2 3	71
170	ZI3347	4	5		5			10	2 4	74
171	ZI3348		5	4			5	10	2 4	65
172	ZI3349		5	4			5	10	2 4	66
173	ZI3350	5			5	3		10	2 3	72
174	ZI3351			4		5	5	10	2 4	68
175	ZI3352			4		5	5	10	2 4	69
176	ZI3353			4		5	5	10	2 4	68
177	ZI3354		4		5		5	10	2 4	68
178	ZI3355		4		5		5	10	2 4	70
179	ZI3356	5	4				5	10	2 4	70
180	ZI3357	5	4				5	10	2 4	74
181	ZI3358		5		5		5	10	2 5	74
182	ZI3359		4		5		5	10	2 4	62
183	ZI3360			5		5	3	10	2 3	72
184	ZI3477								A A	AA
185	ZI3361				5	4	5	10	2 4	74
186	ZI3362	4		4			3	10	2 1	71
187	ZI3363		4		5	3		10	2 1	71
188	ZI3364	4	5			5		10	2 4	73
189	ZI3365								A A	AA
190	ZI3366			4	5		5	10	2 4	60
191	ZI3367		5		5	3		10	2 3	70
192	ZI3368		4	5		5		10	2 4	67
193	ZI3369		5		5	3		10	2 3	73

194	ZI3370	4		5		5		10	2 4	73
195	ZI3371	4		5		5		10	2 4	65
196	ZI3372	5		5	5			10	2 5	73
197	ZI3373	5		5	5			10	2 5	74
198	ZI3374	4	5			5		10	2 4	68
199	ZI3375		5			5	3	10	2 3	72
200	ZI3376	4	5			5		10	2 4	73
201	ZI3377								A A	AA
202	ZI3378	4		5		5		10	2 4	71
203	ZI3379			4	5		5	10	2 4	73
204	ZI3380	5			5	3		10	2 3	71
205	ZI3381	5	5	5				10	2 5	71
206	ZI3382		5	4			5	10	2 4	70
207	ZI3383	5			5	5		10	2 5	71
208	ZI3384			5		5	3	10	2 3	73
209	ZI3385		4		5		5	10	2 4	65
210	ZI3386		4		5		5	10	2 4	74
211	ZI3387		4		5		5	10	2 4	73
212	ZI3388			4	5		5	10	2 4	74
213	ZI3389	5			5	3		10	2 3	71
214	ZI3390	4		5		5		10	2 4	68
215	ZI3391			4	5		5	10	2 4	68
216	ZI3392	4		5		5		10	2 4	74
217	ZI3393		4		5		5	10	2 4	73
218	ZI3394		5		5	5		10	2 5	74

219	ZI3395	5		5		5		10	2 5	74
220	ZI3396	4			4		3	10	2 1	71
221	ZI3397	5			5	3		10	2 3	71
222	ZI3398	4		5		5		10	2 4	71
223	ZI3399			4	5		5	10	2 4	65
224	ZI3400	4		5		2		10	2 1	67
225	ZI3401								A A	AA
226	ZI3402			5		5	3	10	2 3	71
227	ZI3403			5	5		5	10	2 5	75
228	ZI3404	5			5		5	10	2 5	72
229	ZI3405			4	5		5	10	2 4	75
230	ZI3406	4	5			5		10	2 4	73
231	ZI3407		5			5	5	10	2 5	72
232	ZI3408								A A	AA
233	ZI3409			5	5	5		10	2 5	72
234	ZI3410	4		5		5		10	2 4	68
235	ZI3411	4	5			5		10	2 4	60
236	ZI3412		4		5		5	10	2 4	68
237	ZI3413		5		5	5		10	2 5	73
238	ZI3414	4	5			5		10	2 4	73
239	ZI3415		4		5		5	10	2 4	72
240	ZI3416	4		5		5		10	2 4	68
241	ZI3417			5	5	5		10	2 5	74
242	ZI3418	4		5		5		10	2 4	68
243	ZI3419			4	5		5	10	2 4	73



244	ZI3420	5			5		5	10	2 5	75
245	ZI3421			4	5		5	10	2 4	68
246	ZI3422	5			5	3		10	2 3	73
247	ZI3423	4		5		5		10	2 4	73
248	ZI3424		5		5	5		10	2 5	74
249	ZI3425		4		5		5	10	2 4	68
250	ZI3426	4	5			5		10	2 4	68
251	ZI3427	4	5			5		10	2 4	75
252	ZI3428	4		5		5		10	2 4	65
253	ZI3429				5	5	5	10	2 5	72
254	ZI3430			4	5		5	10	2 4	70
255	ZI3431	2			5	5		10	2 2	72
256	ZI3432		5	4			5	10	2 4	75
257	ZI3433		5	4			5	10	2 4	70
258	ZI3434		5			5	5	10	2 5	72
259	ZI3435								A A	AA
260	ZI3436	4		5		5		10	2 4	70
261	ZI3437			4	5		5	10	2 4	68
262	ZI3438				5	5	5	10	2 5	73
263	ZI3439			4	5		5	10	2 4	75
264	ZI3440		4		5		5	10	2 4	73
265	ZI3441	5	5			3		10	2 3	71
266	ZI3442	4	5			5		10	2 4	68
267	ZI3443	5			5	3		10	2 3	73
268	ZI3444			4	5		5	10	2 4	68

269	ZI3445			4	5		5	10	2 4	68
270	ZI3446		5			5	3	10	2 3	73
271	ZI3447		5		5	5		10	2 5	75
272	ZI3448	5	5			5		10	2 5	74
273	ZI3449				5	5	5	10	2 5	74
274	ZI3450				5	5	5	10	2 5	71
275	ZI3451		5	5			3	10	2 3	73
276	ZI3452		5	5			3	10	2 3	73
277	ZI3453		5		5		5	10	2 5	73
278	ZI3454	5		5	5			10	2 5	74
279	ZI3455	5		5	5			10	2 5	74
280	ZI3456			4	4		4	10	2 2	71
281	ZI3457								A A A	AA
282	ZI3458			5	5	5		10	2 5	72
283	ZI3459	5	5			5		10	2 5	73
284	ZI3460	4	5			5		10	2 4	71
285	ZI3461		5			5	5	10	2 5	74
286	ZI3462	5	5		5			10	2 5	73
287	ZI3463	4	5			5		10	2 4	67
288	ZI3464		4		5		5	10	2 4	70
289	ZI3465	5		5	5			10	2 5	74
290	ZI3466	5		5	5			10	2 5	71
291	ZI3467				5	4	5	10	2 4	73
292	ZI3468		5		5		5	10	2 4	73
293	ZI3469		5	5			5	10	2 5	71

294	ZI3470	5	5				4	10	2 4	67
295	ZI3471		5	4	5			10	2 4	68
296	ZI3472		4		5		5	10	2 4	70
297	ZI3473			5		5	3	10	2 3	72
298	ZI3474		4		5	5		10	2 4	
<b>No. of Students Attempted</b>		<b>11 9</b>	<b>14 1</b>	<b>12 9</b>	<b>15 4</b>	<b>17 2</b>	<b>14 5</b>	<b>289</b>	<b>2 8 9</b>	<b>288</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10 9</b>	<b>14 1</b>	<b>12 6</b>	<b>15 3</b>	<b>16 6</b>	<b>14 0</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										288
<b>% of students secured &gt;= Threshold marks</b>		<b>91. 6</b>	<b>10 0</b>	<b>97. 67</b>	<b>99. 35</b>	<b>96. 51</b>	<b>96. 55</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.3 2</b>	<b>2.3 3</b>	<b>2.3 4</b>	<b>2.3</b>	<b>2.3 2</b>	<b>2.3 1</b>			
<b>Total CO Attainment</b>		<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>	<b>2.9 3</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>59</b>	<b>62</b>	<b>62</b>	<b>68</b>	<b>63</b>	<b>64</b>
<b>Level 2</b>	<b>86</b>	<b>76</b>	<b>73</b>	<b>72</b>	<b>78</b>	<b>77</b>
<b>Level 3</b>	<b>153</b>	<b>160</b>	<b>163</b>	<b>158</b>	<b>157</b>	<b>157</b>

<b>Total no. of students participated</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>
<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.33</b>	<b>2.34</b>	<b>2.3</b>	<b>2.32</b>	<b>2.31</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1		2	3	1	3	1	3	1		3	1	3
CO2	3	2		3	2		1		1	1	2	
CO3			2	2	1	2	2	3	2	3	1	3
CO4	1	1	1		2	1	2	2		1		
CO5		2		1	3	2	3	3	1	3	2	1
CO6	2		2	2		3			3		1	2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.8</b>	<b>2.2</b>	<b>2.25</b>	<b>1.75</b>	<b>2.2</b>	<b>1.4</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>1.71</b>	<b>1.95</b>	<b>1.76</b>	<b>2.15</b>	<b>1.76</b>	<b>2.15</b>	<b>2.2</b>	<b>1.71</b>	<b>2.15</b>	<b>1.37</b>	<b>2.2</b>

<b>Computation of CO Direct Attainment</b>					
<b>Course : EL2</b>					
<b>Class: BCA III Sem.-VI      A.Y. 2021-22      Course Code:</b>					
<b>Internal Assessment</b>					<b>External Assessment</b>
<b>Sr. No.</b>		<b>Test-I (15) (Any three)</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>

	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	2 5	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	ZI3180	5			5	5		10	2 5	41
2	ZI3181		5			4	4	10	2 3	33
3	ZI3182	4		5	4			10	2 4	48
4	ZI3183	5	4			4		10	2 3	16
5	ZI3184			5	5		5	10	2 5	53
6	ZI3185		5			4	5	10	2 4	10
7	ZI3186		5			4	5	10	2 4	11
8	ZI3187			4	5	4		10	2 3	3
9	ZI3188	5	5				5	10	2 5	48
10	ZI3189	4		5	5			10	2 4	30
11	ZI3190	5		4	5			10	2 4	20
12	ZI3191				4	5	4	10	2 3	30
13	ZI3192	4	4	5				10	2 3	25
14	ZI3193	4	5	5				10	2 4	36
15	ZI3194			3		5	2	10	2 0	AA
16	ZI3195			5	5	5		10	2 5	0
17	ZI3196			4	5		4	10	2 3	17
18	ZI3197	5	4				5	10	2 4	4
19	ZI3198	5	4				5	10	2 4	45
20	ZI3199	5				4	5	10	2 4	39
21	ZI3200	5		5	5			10	2 5	41
22	ZI3201			4		5	4	10	2 3	33
23	ZI3202	4	5		4			10	2 4	48

24	ZI3203		4			5	4	10	2 3	16
25	ZI3204	5			4	5		10	2 4	AA
26	ZI3205	4		5			5	10	2 4	6
27	ZI3206		5	5			5	10	2 5	21
28	ZI3207	5			5	5		10	2 5	12
29	ZI3208			5		5	4	10	2 4	30
30	ZI3209	3		5	5			10	2 3	9
31	ZI3210		4		5		4	10	2 4	40
32	ZI3211	4		4		5		10	2 3	46
33	ZI3212			4		5	5	10	2 4	47
34	ZI3213		5	5			4	10	2 4	35
35	ZI3214	4			5	4		10	2 3	36
36	ZI3215			4		5	4	10	2 4	22
37	ZI3216	4			5	4		10	2 4	48
38	ZI3217			5	5		3	10	2 3	34
39	ZI3218	4	5			5		10	2 4	18
40	ZI3219		4			5	4	10	2 3	13
41	ZI3220	4	5		5			10	2 4	16
42	ZI3221	5		5		3		10	2 3	34
43	ZI3222			5	4	5		10	2 4	19
44	ZI3223	4				5	5	10	2 4	30
45	ZI3224			4		5	5	10	2 4	8
46	ZI3225	4			4		5	10	2 3	10
47	ZI3226		4			5	4	10	2 3	23
48	ZI3227	5	5	4				10	2 4	19

49	ZI3228			5	5		4	10	2 4	25
50	ZI3229	4				4	5	10	2 3	21
51	ZI3230		5		4		4	10	2 3	53
52	ZI3231		4		5	5		10	2 4	9
53	ZI3232		5		5		4	10	2 4	0
54	ZI3233	5		4		4		10	2 3	39
55	ZI3234	5		4	5			10	2 4	30
56	ZI3235	4	5			5		10	2 4	30
57	ZI3236		5	5		5		10	2 5	34
58	ZI3237	3		5			5	10	2 3	23
59	ZI3238				4	5	4	10	2 4	31
60	ZI3239		5			4	5	10	2 4	1
61	ZI3240	3			5	5		10	2 3	38
62	ZI3241		5	4		4		10	2 3	39
63	ZI3242			5	5		3	10	2 3	33
64	ZI3243	5			5	4		10	2 4	25
65	ZI3244	5		5			4	10	2 4	2
66	ZI3245			5		5	5	10	2 5	1
67	ZI3246	4	5			5		10	2 4	46
68	ZI3247	4	4	5				10	2 3	5
69	ZI3248		5			5	3	10	2 3	0
70	ZI3249	5		4	5			10	2 4	38
71	ZI3250	5			5	3		10	2 3	7
72	ZI3251			4		5	5	10	2 4	0
73	ZI3252			4		5	4	10	2 3	1

74	ZI3253		4	4			5	10	2 3	20
75	ZI3254	4	4		5			10	2 3	10
76	ZI3255	5		5			4	10	2 4	11
77	ZI3256			5	4	5		10	2 4	8
78	ZI3257			4		5	5	10	2 4	36
79	ZI3258	4			5	4		10	2 3	21
80	ZI3259	5		5			4	10	2 4	50
81	ZI3260	5	5			4		10	2 4	31
82	ZI3261	4			5		4	10	2 3	43
83	ZI3262		5	5		5		10	2 5	42
84	ZI3263	4			5		4	10	2 3	31
85	ZI3475	2		5		5		10	2 2	0
86	ZI3264			4		5	5	10	2 4	11
87	ZI3265	5			5		4	10	2 4	41
88	ZI3266			4		5	5	10	2 4	33
89	ZI3267		5		5	5		10	2 5	15
90	ZI3268	4	5		5			10	2 4	21
91	ZI3269		5	5		5		10	2 5	20
92	ZI3270	5			4	5		10	2 4	11
93	ZI3271	4			4		4	10	2 2	24
94	ZI3476		3	4		5		10	2 2	3
95	ZI3272		5	4		5		10	2 4	2
96	ZI3273	3			3		4	10	2 0	AA
97	ZI3274			4	5	4		10	2 3	30
98	ZI3275		5			5	3	10	2 3	12



99	ZI3276	5	5		4			10	2 4	46
100	ZI3277	5				5	4	10	2 4	17
101	ZI3278			3	5		5	10	2 3	44
102	ZI3279	5	5			4		10	2 4	8
103	ZI3280		5		5		3	10	2 3	3
104	ZI3281	5		4	5			10	2 4	6
105	ZI3282		4			5	4	10	2 3	37
106	ZI3283	4	5			5		10	2 4	0
107	ZI3284		5	4			5	10	2 4	0
108	ZI3285	3		5	5			10	2 3	16
109	ZI3286				5	5	3	10	2 3	20
110	ZI3287	3	5			5		10	2 3	23
111	ZI3288	5		5			4	10	2 4	6
112	ZI3289			5	5	4		10	2 4	0
113	ZI3290	5			5	5		10	2 5	1
114	ZI3291	5	5				4	10	2 4	7
115	ZI3292	5		5			4	10	2 4	40
116	ZI3293	5			5	4		10	2 4	14
117	ZI3294	5		5			3	10	2 3	2
118	ZI3295	4			5	4		10	2 3	0
119	ZI3296		4		5		5	10	2 4	38
120	ZI3297	3	5	5				10	2 3	30
121	ZI3298		4	4	5			10	2 3	2
122	ZI3299	4	5			4		10	2 3	40
123	ZI3300			4		5	5	10	2 4	36

124	ZI3301	5	5		5			10	2 5	33
125	ZI3302			4		5	5	10	2 4	31
126	ZI3303	5			5	4		10	2 4	13
127	ZI3304			3		5	5	10	2 3	21
128	ZI3305	4	5				5	10	2 4	9
129	ZI3306		5			5	5	10	2 5	41
130	ZI3307		4	5	5			10	2 4	44
131	ZI3308	4			5	5		10	2 4	4
132	ZI3309			4		5	5	10	2 4	41
133	ZI3310	5	5		5			10	2 5	32
134	ZI3311		5	4			5	10	2 4	6
135	ZI3312	4			5		4	10	2 3	15
136	ZI3313			4		5	4	10	2 3	20
137	ZI3314	4	5		5			10	2 4	11
138	ZI3315		4	5		5		10	2 4	23
139	ZI3316		4			5	5	10	2 4	30
140	ZI3317	4		5	5			10	2 4	1
141	ZI3318	5		4			4	10	2 3	30
142	ZI3319	5			5	3		10	2 3	46
143	ZI3320		5	2	5			10	2 2	42
144	ZI3321		5			4	4	10	2 3	37
145	ZI3322	5	5		4			10	2 4	1
146	ZI3323			4		5	5	10	2 4	7
147	ZI3324	5			5	4		10	2 4	30
148	ZI3325		5	4			5	10	2 4	21

149	ZI3326			4		5	5	10	2 4	14
150	ZI3327	5			5		5	10	2 5	30
151	ZI3328				5	5	5	10	2 5	7
152	ZI3329		5	5		4		10	2 4	17
153	ZI3330	4	5		5			10	2 4	7
154	ZI3331		5			5	5	10	2 5	32
155	ZI3332	4			5		5	10	2 4	30
156	ZI3333		5	3		5		10	2 3	10
157	ZI3334	4			5	5		10	2 4	14
158	ZI3335			5	5		5	10	2 5	11
159	ZI3336	5				5	5	10	2 5	45
160	ZI3337			4	5	5		10	2 4	15
161	ZI3338		5		5		5	10	2 5	36
162	ZI3339		5		4	5		10	2 4	32
163	ZI3340		5	3			5	10	2 3	17
164	ZI3341	3	5		5			10	2 3	45
165	ZI3342	3			5	5		10	2 3	4
166	ZI3343			3		5	5	10	2 3	19
167	ZI3344	3			5		5	10	2 3	38
168	ZI3345			3		5	5	10	2 3	38
169	ZI3346		5		4	4		10	2 3	7
170	ZI3347	4	5		5			10	2 4	48
171	ZI3348		4	4			5	10	2 3	33
172	ZI3349			4		5	4	10	2 3	17
173	ZI3350	5			5	3		10	2 3	10

174	ZI3351		5	4			5	10	2 4	4
175	ZI3352			4		5	5	10	2 4	15
176	ZI3353			4		5	5	10	2 4	18
177	ZI3354	4	4		5			10	2 3	31
178	ZI3355		4		5		5	10	2 4	7
179	ZI3356	4	4				5	10	2 3	7
180	ZI3357	4			5	4		10	2 3	11
181	ZI3358			4		5	4	10	2 3	43
182	ZI3359			2	5		5	10	2 2	9
183	ZI3360			5		5	3	10	2 3	15
184	ZI3477	5			5			10	2 0	4
185	ZI3361				5	4	4	10	2 3	32
186	ZI3362	5	5				4	10	2 4	17
187	ZI3363	5		5			4	10	2 4	37
188	ZI3364		4	5		5		10	2 4	40
189	ZI3365	5			4		5	10	2 4	1
190	ZI3366			4	4		4	10	2 2	1
191	ZI3367	5			5	4		10	2 4	9
192	ZI3368		4	5		5		10	2 4	30
193	ZI3369	5			5		4	10	2 4	33
194	ZI3370	4		5		4		10	2 3	45
195	ZI3371			5		5		10	2 0	41
196	ZI3372	5			5		3	10	2 3	13
197	ZI3373		5	5			3	10	2 3	32
198	ZI3374	4	5			5		10	2 5	0

199	ZI3375		5			5	4	10	2 4	31
200	ZI3376	4		5		5		10	2 4	21
201	ZI3377	2			5		5	10	2 2	5
202	ZI3378	3		5		5		10	2 3	32
203	ZI3379			3	5		5	10	2 3	32
204	ZI3380	5	5			4		10	2 4	0
205	ZI3381	5	5	5				10	2 5	39
206	ZI3382			4	4		4	10	2 2	31
207	ZI3383	5			5	4		10	2 4	36
208	ZI3384		5	5		5		10	2 5	37
209	ZI3385		5	4	5			10	2 4	39
210	ZI3386		4		5		5	10	2 4	19
211	ZI3387	5			5		5	10	2 5	43
212	ZI3388		5			5	5	10	2 5	19
213	ZI3389	5	5			4		10	2 4	32
214	ZI3390	5		5		5		10	2 5	20
215	ZI3391			5	5		5	10	2 5	20
216	ZI3392	4		5		5		10	2 4	18
217	ZI3393		4		5		5	10	2 4	44
218	ZI3394		5		4	5		10	2 4	17
219	ZI3395	5	4			5		10	2 4	50
220	ZI3396	4			5		5	10	2 4	20
221	ZI3397	5			5	5		10	2 5	5
222	ZI3398		4	5		5		10	2 4	20
223	ZI3399		4		5		5	10	2 4	17

224	ZI3400	4		5		4		10	2 4	19
225	ZI3401	5			5			10	2 0	AA
226	ZI3402			5		5	4	10	2 4	33
227	ZI3403		5		4		5	10	2 4	9
228	ZI3404	5			5		5	10	2 5	45
229	ZI3405		5		5		5	10	2 5	56
230	ZI3406	4	5			5		10	2 4	34
231	ZI3407		5			5	5	10	2 5	50
232	ZI3408	5			5		4	10	2 4	12
233	ZI3409			5	5	5		10	2 5	42
234	ZI3410	5	5			5		10	2 5	41
235	ZI3411	4	5			5		10	2 4	16
236	ZI3412			4	5		5	10	2 4	21
237	ZI3413				5	5	4	10	2 4	6
238	ZI3414	3	5			5		10	2 3	30
239	ZI3415		3		5		5	10	2 3	37
240	ZI3416	3	5			5		10	2 3	3
241	ZI3417			4	5	5		10	2 4	0
242	ZI3418	3	5	5				10	2 3	12
243	ZI3419			3	5		5	10	2 3	38
244	ZI3420	5				4	5	10	2 4	10
245	ZI3421			4	5		5	10	2 4	19
246	ZI3422	5			5	3		10	2 3	32
247	ZI3423	3	5			5		10	2 3	9
248	ZI3424		3		5	5		10	2 3	32

249	ZI3425		4		5		5	10	2 4	21
250	ZI3426	5		5		5		10	2 5	19
251	ZI3427	5		5		5		10	2 5	49
252	ZI3428	4		5		5		10	2 4	30
253	ZI3429				5	4	5	10	2 4	32
254	ZI3430		5	4			5	10	2 4	30
255	ZI3431	5	5			5		10	2 5	37
256	ZI3432		5	4			5	10	2 4	46
257	ZI3433			4	5		5	10	2 4	31
258	ZI3434				5	3	5	10	2 3	2
259	ZI3435	2		4		4		10	2 0	AA
260	ZI3436	5	5			5		10	2 5	19
261	ZI3437			4	5		5	10	2 4	16
262	ZI3438	4				5	5	10	2 4	46
263	ZI3439			5	5		5	10	2 5	30
264	ZI3440		5		5		5	10	2 5	39
265	ZI3441	5	5			4		10	2 4	22
266	ZI3442	4	5			5		10	2 4	5
267	ZI3443	5			5	4		10	2 4	30
268	ZI3444			4	5		4	10	2 3	16
269	ZI3445			4	5		4	10	2 3	50
270	ZI3446		5	5			3	10	2 3	30
271	ZI3447		5	5	5			10	2 5	38
272	ZI3448	5	4			5		10	2 4	21
273	ZI3449				5	4	5	10	2 4	30

274	ZI3450				5	5	5	10	2 5	38
275	ZI3451		5	5		5		10	2 5	33
276	ZI3452		4	5		5		10	2 4	42
277	ZI3453		5		5	4		10	2 4	30
278	ZI3454	5		4	5			10	2 4	30
279	ZI3455	5	5	4				10	2 4	12
280	ZI3456		5	5			4	10	2 4	11
281	ZI3457	5		5			4	10	2 4	19
282	ZI3458			5	5	4		10	2 4	30
283	ZI3459	5	5			5		10	2 5	20
284	ZI3460	4	5			5		10	2 4	21
285	ZI3461		5			4	5	10	2 4	35
286	ZI3462	5	4		5			10	2 4	30
287	ZI3463	4		5		5		10	2 4	22
288	ZI3464			4	5		5	10	2 4	1
289	ZI3465	5		5	5			10	2 5	33
290	ZI3466	5		5			4	10	2 4	1
291	ZI3467				5	4	5	10	2 4	30
292	ZI3468				5	4	5	10	2 4	35
293	ZI3469		5	3		5		10	2 3	39
294	ZI3470	5	4			4		10	2 3	0
295	ZI3471	4		4	5			10	2 3	17
296	ZI3472				4	4	5	10	2 3	0
297	ZI3473		5	5			4	10	2 4	34
298	ZI3474		5		5		4	10	2 4	8



<b>No. of Students Attempted</b>	<b>14</b> <b>9</b>	<b>13</b> <b>3</b>	<b>14</b> <b>3</b>	<b>14</b> <b>5</b>	<b>16</b> <b>7</b>	<b>15</b> <b>4</b>	<b>298</b>	<b>2</b> <b>9</b> <b>8</b>	<b>293</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	<b>14</b> <b>6</b>	<b>13</b> <b>3</b>	<b>14</b> <b>1</b>	<b>14</b> <b>5</b>	<b>16</b> <b>7</b>	<b>15</b> <b>3</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>									<b>139</b>
<b>% of students secured &gt;= Threshold marks</b>	<b>97</b> <b>.9</b> <b>9</b>	<b>10</b> <b>0</b>	<b>98</b> <b>.6</b>	<b>10</b> <b>0</b>	<b>10</b> <b>0</b>	<b>99</b> <b>.3</b> <b>5</b>			<b>47.44</b>
<b>Attainment Level</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>1</b>
<b>Direct CO Attainment</b>	<b>1.</b> <b>4</b>	<b>1.</b> <b>4</b>	<b>1.</b> <b>4</b>	<b>1.</b> <b>4</b>	<b>1.</b> <b>4</b>	<b>1.</b> <b>4</b>			
<b>Indirect CO Attainment Level</b>	<b>2.</b> <b>32</b>	<b>2.</b> <b>31</b>	<b>2.</b> <b>34</b>	<b>2.</b> <b>28</b>	<b>2.</b> <b>32</b>	<b>2.</b> <b>29</b>			
<b>Total CO Attainment</b>	<b>1.</b> <b>49</b>	<b>1.</b> <b>49</b>	<b>1.</b> <b>49</b>	<b>1.</b> <b>49</b>	<b>1.</b> <b>49</b>	<b>2.</b> <b>93</b>			
<b>Average CO Attainment</b>									<b>1.73</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>58</b>	<b>64</b>	<b>61</b>	<b>70</b>	<b>62</b>	<b>66</b>
<b>Level 2</b>	<b>88</b>	<b>78</b>	<b>75</b>	<b>74</b>	<b>80</b>	<b>79</b>
<b>Level 3</b>	<b>152</b>	<b>156</b>	<b>162</b>	<b>154</b>	<b>156</b>	<b>153</b>
<b>Total no. of students participated</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>
<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.31</b>	<b>2.34</b>	<b>2.28</b>	<b>2.32</b>	<b>2.29</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	3	2	3	1	1	2	1	3	2	
CO2	1	1	2	1		2	3	2		2	1	3
CO3		2	3	1	2	1	3		2	2	2	
CO4	1	1		2	1	1	1	3	2	1	1	2
CO5	2		1	3	2			1	3			1
CO6		2	2		3	3	2		1	1	3	2
<b>Average PO Attainment</b>	<b>1.25</b>	<b>1.4</b>	<b>2.2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.6</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.72</b>	<b>0.81</b>	<b>1.27</b>	<b>1.04</b>	<b>1.27</b>	<b>0.92</b>	<b>1.15</b>	<b>1.15</b>	<b>1.04</b>	<b>1.04</b>	<b>1.04</b>	<b>1.15</b>

Computation of CO Direct Attainment												
Course : OEL2												
Class: BCA III Sem.-VI      A.Y. 2021-22      Course Code:												
Internal Assessment												
Sr. No.	Seat No	Test-I (15) (Any three)						Assignment	Total	End Sem Exam	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)					
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6					
1	ZI3180	5			5	5		10	25	74	99	
2	ZI3181			5		4	4	10	23	75	98	
3	ZI3182		4	5	4			10	24	74	98	
4	ZI3183	5			4	4		10	23	75	98	

5	ZI3184			5	5		5	10	2 5	74	99
6	ZI3185		5			4	5	10	2 4	72	96
7	ZI3186		5			4	5	10	2 4	72	96
8	ZI3187		4		5	4		10	2 3	73	96
9	ZI3188	5				5	5	10	2 5	74	99
10	ZI3189	4		5	5			10	2 4	72	96
11	ZI3190	5		4	5			10	2 4	69	93
12	ZI3191				4	5	4	10	2 3	67	90
13	ZI3192	4		5	4			10	2 3	73	96
14	ZI3193	4		5	5			10	2 4	72	96
15	ZI3194		3			5	2	10	2 0	60	80
16	ZI3195	5	5			5		10	2 5	74	99
17	ZI3196	5	4				4	10	2 3	74	97
18	ZI3197	5		4			5	10	2 4	73	97
19	ZI3198	5		4			5	10	2 4	72	96
20	ZI3199		5			4	5	10	2 4	72	96
21	ZI3200		5	5	5			10	2 5	72	97
22	ZI3201			4		5	4	10	2 3	73	96
23	ZI3202	4		5	4			10	2 4	72	96
24	ZI3203			4		5	4	10	2 3	75	98
25	ZI3204	5			4	5		10	2 4	74	98
26	ZI3205	4		5			5	10	2 4	74	98
27	ZI3206		5		5		5	10	2 5	72	97
28	ZI3207	5			5	5		10	2 5	71	96
29	ZI3208			5		5	4	10	2 4	73	97

30	ZI3209	3		5	5			10	2 3	73	96
31	ZI3210	4			5		4	10	2 4	72	96
32	ZI3211	4		4		5		10	2 3	74	97
33	ZI3212			4		5	5	10	2 4	72	96
34	ZI3213			5	5		4	10	2 4	73	97
35	ZI3214	4			5	4		10	2 3	73	96
36	ZI3215			4		5	4	10	2 4	72	96
37	ZI3216	4			5	4		10	2 4	74	98
38	ZI3217			5	5		3	10	2 3	75	98
39	ZI3218	4	5			5		10	2 4	73	97
40	ZI3219		4			5	4	10	2 3	74	97
41	ZI3220	4	5		5			10	2 4	72	96
42	ZI3221	5		5		3		10	2 3	75	98
43	ZI3222			5	4	5		10	2 4	73	97
44	ZI3223	4				5	5	10	2 4	75	99
45	ZI3224			4		5	5	10	2 4	73	97
46	ZI3225	4			4		5	10	2 3	74	97
47	ZI3226		4			5	4	10	2 3	72	95
48	ZI3227	5	5	4				10	2 4	74	98
49	ZI3228			5	5		4	10	2 4	75	99
50	ZI3229	4				4	5	10	2 3	71	94
51	ZI3230				4	5	4	10	2 3	75	98
52	ZI3231		4		5		5	10	2 4	72	96
53	ZI3232		5		5		4	10	2 4	74	98
54	ZI3233	5		4		4		10	2 3	74	97

55	ZI3234	5		4	5			10	2 4	72	96
56	ZI3235	4			5	5		10	2 4	74	98
57	ZI3236		5		5	5		10	2 5	73	98
58	ZI3237	3		5			5	10	2 3	73	96
59	ZI3238				4	5	4	10	2 4	73	97
60	ZI3239		5			4	5	10	2 4	71	95
61	ZI3240	3			5	5		10	2 3	71	94
62	ZI3241	5		4		4		10	2 3	73	96
63	ZI3242			5	5		3	10	2 3	74	97
64	ZI3243	5			5	4		10	2 4	72	96
65	ZI3244	5		5			4	10	2 4	74	98
66	ZI3245			5		5	5	10	2 5	73	98
67	ZI3246	4			5	5		10	2 4	74	98
68	ZI3247	4		5	4			10	2 3	72	95
69	ZI3248		5			5	3	10	2 3	73	96
70	ZI3249	5	5	4				10	2 4	73	97
71	ZI3250	5			5	3		10	2 3	67	90
72	ZI3251			4		5	5	10	2 4	72	96
73	ZI3252		5	4			4	10	2 3	73	96
74	ZI3253		4	4			5	10	2 3	74	97
75	ZI3254	4	4		5			10	2 3	73	96
76	ZI3255	5		5			4	10	2 4	73	97
77	ZI3256			5	4	5		10	2 4	73	97
78	ZI3257		5	4			5	10	2 4	72	96
79	ZI3258	4			5	4		10	2 3	73	96

80	ZI3259	5		5			4	10	2 4	73	97
81	ZI3260		5	5		4		10	2 4	73	97
82	ZI3261	4			5		4	10	2 3	73	96
83	ZI3262		5	5		5		10	2 5	74	99
84	ZI3263	4			5		4	10	2 3	73	96
85	ZI3475	2		5		5		10	2 2	68	90
86	ZI3264			4		5	5	10	2 4	72	96
87	ZI3265	5	4		5			10	2 4	74	98
88	ZI3266		5	4		5		10	2 4	73	97
89	ZI3267		5		5	5		10	2 5	73	98
90	ZI3268	4			5		5	10	2 4	72	96
91	ZI3269			5		5	5	10	2 5	73	98
92	ZI3270	5			4	5		10	2 4	73	97
93	ZI3271	4			4		4	10	2 2	75	97
94	ZI3476		3	4		5		10	2 2	72	94
95	ZI3272		5	4		5		10	2 4	74	98
96	ZI3273	3	4		3			10	2 0	60	80
97	ZI3274			4	5	4		10	2 3	73	96
98	ZI3275		5			5	3	10	2 3	74	97
99	ZI3276	5		5	4			10	2 4	73	97
100	ZI3277	5				5	4	10	2 4	73	97
101	ZI3278			3	5		5	10	2 3	74	97
102	ZI3279	5	5			4		10	2 4	72	96
103	ZI3280		5		5		3	10	2 3	75	98
104	ZI3281	5	5	4				10	2 4	73	97

105	ZI3282		4			5	4	10	2 3	74	97
106	ZI3283	4	5			5		10	2 4	73	97
107	ZI3284			4		5	5	10	2 4	73	97
108	ZI3285	3		5	5			10	2 3	67	90
109	ZI3286		5			5	3	10	2 3	73	96
110	ZI3287	3			5	5		10	2 3	72	95
111	ZI3288	5		5			4	10	2 4	72	96
112	ZI3289			5	5	4		10	2 4	72	96
113	ZI3290	5			5	5		10	2 5	71	96
114	ZI3291		5	5			4	10	2 4	73	97
115	ZI3292		5	5			4	10	2 4	73	97
116	ZI3293		5		5	4		10	2 4	72	96
117	ZI3294	5		5			3	10	2 3	73	96
118	ZI3295	4			5	4		10	2 3	74	97
119	ZI3296			4	5		5	10	2 4	73	97
120	ZI3297	3	5			5		10	2 3	73	96
121	ZI3298		4		5	4		10	2 3	74	97
122	ZI3299	4	4			5		10	2 3	74	97
123	ZI3300			4		5	5	10	2 4	70	94
124	ZI3301	5			5		5	10	2 5	72	97
125	ZI3302			4		5	5	10	2 4	71	95
126	ZI3303	5			5	4		10	2 4	71	95
127	ZI3304			3		5	5	10	2 3	67	90
128	ZI3305	4			5		5	10	2 4	68	92
129	ZI3306		5			5	5	10	2 5	73	98

130	ZI3307			5	4	5		10	2 4	71	95
131	ZI3308	4	5		5			10	2 4	72	96
132	ZI3309		5	4			5	10	2 4	71	95
133	ZI3310	5	5		5			10	2 5	67	92
134	ZI3311			4		5	5	10	2 4	71	95
135	ZI3312	4			5		4	10	2 3	67	90
136	ZI3313			4		5	4	10	2 3	67	90
137	ZI3314	4		5	5			10	2 4	67	91
138	ZI3315		4			5	5	10	2 4	67	91
139	ZI3316		4			5	5	10	2 4	67	91
140	ZI3317	4	5		5			10	2 4	69	93
141	ZI3318	5		4			4	10	2 3	71	94
142	ZI3319	5			5	3		10	2 3	72	95
143	ZI3320		5	2		5		10	2 2	68	90
144	ZI3321		5		4		4	10	2 3	69	92
145	ZI3322	5	5		4			10	2 4	68	92
146	ZI3323		5	4			5	10	2 4	66	90
147	ZI3324	5			5	4		10	2 4	71	95
148	ZI3325			4	5		5	10	2 4	70	94
149	ZI3326		5	4		5		10	2 4	68	92
150	ZI3327	5			5		5	10	2 5	74	99
151	ZI3328		5			5	5	10	2 5	65	90
152	ZI3329		5	5		4		10	2 4	74	98
153	ZI3330	4	5			5		10	2 4	74	98
154	ZI3331				5	5	5	10	2 5	72	97



155	ZI3332	4			5		5	10	2 4	66	90
156	ZI3333			3		5	5	10	2 3	67	90
157	ZI3334	4			5	5		10	2 4	66	90
158	ZI3335			5	5		5	10	2 5	72	97
159	ZI3336	5				5	5	10	2 5	72	97
160	ZI3337		5	4	5			10	2 4	71	95
161	ZI3338		5			5	5	10	2 5	74	99
162	ZI3339		5		4		5	10	2 4	71	95
163	ZI3340		5	3			5	10	2 3	72	95
164	ZI3341	3			5	5		10	2 3	73	96
165	ZI3342	3			5	5		10	2 3	72	95
166	ZI3343			3		5	5	10	2 3	67	90
167	ZI3344	3			5		5	10	2 3	73	96
168	ZI3345			3		5	5	10	2 3	67	90
169	ZI3346				4	5	4	10	2 3	74	97
170	ZI3347	4	5		5			10	2 4	70	94
171	ZI3348		4	4			5	10	2 3	71	94
172	ZI3349		5	4			4	10	2 3	72	95
173	ZI3350	5	3		5			10	2 3	69	92
174	ZI3351			4		5	5	10	2 4	68	92
175	ZI3352			4		5	5	10	2 4	70	94
176	ZI3353			4		5	5	10	2 4	72	96
177	ZI3354	4	4		5			10	2 3	67	90
178	ZI3355		4		5		5	10	2 4	69	93
179	ZI3356	4		4			5	10	2 3	70	93

180	ZI3357	4			5	4		10	2 3	69	92
181	ZI3358			4		5	4	10	2 3	70	93
182	ZI3359			2	5		5	10	2 2	70	92
183	ZI3360			5		5	3	10	2 3	71	94
184	ZI3477	5			5			10	2 0	60	80
185	ZI3361				5	4	4	10	2 3	73	96
186	ZI3362	5		5			4	10	2 4	72	96
187	ZI3363		5	5			4	10	2 4	72	96
188	ZI3364	4		5		5		10	2 4	72	96
189	ZI3365	5			4		5	10	2 4	72	96
190	ZI3366			4	4		4	10	2 2	75	97
191	ZI3367	5			5	4		10	2 4	71	95
192	ZI3368	4		5		5		10	2 4	71	95
193	ZI3369	5			5		4	10	2 4	71	95
194	ZI3370	4		5		4		10	2 3	72	95
195	ZI3371			5		5		10	2 0	60	80
196	ZI3372	5			5		3	10	2 3	71	94
197	ZI3373	5		5			3	10	2 3	70	93
198	ZI3374	4	5			5		10	2 5	73	98
199	ZI3375		5			5	4	10	2 4	72	96
200	ZI3376	4		5		5		10	2 4	72	96
201	ZI3377	2			5		5	10	2 2	68	90
202	ZI3378	3		5		5		10	2 3	75	98
203	ZI3379			3	5		5	10	2 3	67	90
204	ZI3380	5			5	4		10	2 4	72	96

205	ZI3381	5	5	5				10	2 5	72	97
206	ZI3382		4	4			4	10	2 2	71	93
207	ZI3383	5			5	4		10	2 4	73	97
208	ZI3384			5		5	5	10	2 5	72	97
209	ZI3385			4	5		5	10	2 4	73	97
210	ZI3386			4	5		5	10	2 4	74	98
211	ZI3387	5	5				5	10	2 5	73	98
212	ZI3388		5			5	5	10	2 5	72	97
213	ZI3389	5	5			4		10	2 4	73	97
214	ZI3390	5		5		5		10	2 5	73	98
215	ZI3391			5	5		5	10	2 5	73	98
216	ZI3392	4	5			5		10	2 4	69	93
217	ZI3393		4		5		5	10	2 4	69	93
218	ZI3394			5	4	5		10	2 4	68	92
219	ZI3395	5		4		5		10	2 4	72	96
220	ZI3396	4			5		5	10	2 4	68	92
221	ZI3397	5			5	5		10	2 5	73	98
222	ZI3398	4		5		5		10	2 4	75	99
223	ZI3399			4	5		5	10	2 4	73	97
224	ZI3400	4		5		4		10	2 4	74	98
225	ZI3401	5			5			10	2 0	60	80
226	ZI3402			5		5	4	10	2 4	66	90
227	ZI3403			5	4		5	10	2 4	72	96
228	ZI3404	5			5		5	10	2 5	74	99
229	ZI3405			5	5		5	10	2 5	74	99

230	ZI3406	4	5			5		10	2 4	66	90
231	ZI3407		5			5	5	10	2 5	73	98
232	ZI3408	5			5		4	10	2 4	71	95
233	ZI3409			5	5	5		10	2 5	74	99
234	ZI3410	5	5			5		10	2 5	72	97
235	ZI3411	4	5			5		10	2 4	68	92
236	ZI3412			4	5		5	10	2 4	70	94
237	ZI3413				5	5	4	10	2 4	72	96
238	ZI3414	3		5		5		10	2 3	71	94
239	ZI3415			3	5		5	10	2 3	71	94
240	ZI3416	3	5			5		10	2 3	71	94
241	ZI3417		4	5	5			10	2 4	70	94
242	ZI3418	3	5			5		10	2 3	71	94
243	ZI3419			3	5		5	10	2 3	69	92
244	ZI3420	5				4	5	10	2 4	68	92
245	ZI3421			4	5		5	10	2 4	69	93
246	ZI3422	5			5	3		10	2 3	68	91
247	ZI3423	3		5		5		10	2 3	68	91
248	ZI3424		3		5	5		10	2 3	70	93
249	ZI3425		4		5		5	10	2 4	69	93
250	ZI3426	5	5			5		10	2 5	68	93
251	ZI3427	5		5		5		10	2 5	74	99
252	ZI3428	4		5		5		10	2 4	74	98
253	ZI3429				5	4	5	10	2 4	73	97
254	ZI3430			4	5		5	10	2 4	73	97

255	ZI3431	5	5			5		10	2 5	73	98
256	ZI3432		5	4			5	10	2 4	74	98
257	ZI3433			4	5		5	10	2 4	68	92
258	ZI3434				5	3	5	10	2 3	69	92
259	ZI3435	2		4		4		10	2 0	60	80
260	ZI3436	5		5		5		10	2 5	73	98
261	ZI3437			4	5		5	10	2 4	73	97
262	ZI3438	4				5	5	10	2 4	70	94
263	ZI3439			5	5		5	10	2 5	74	99
264	ZI3440			5	5		5	10	2 5	73	98
265	ZI3441	5		5		4		10	2 4	69	93
266	ZI3442	4		5		5		10	2 4	66	90
267	ZI3443	5			5	4		10	2 4	67	91
268	ZI3444			4	5		4	10	2 3	70	93
269	ZI3445		4		5		4	10	2 3	74	97
270	ZI3446		5			5	3	10	2 3	73	96
271	ZI3447			5	5	5		10	2 5	74	99
272	ZI3448	5		4		5		10	2 4	73	97
273	ZI3449				5	4	5	10	2 4	74	98
274	ZI3450				5	5	5	10	2 5	74	99
275	ZI3451			5		5	5	10	2 5	74	99
276	ZI3452			5		5	4	10	2 4	73	97
277	ZI3453				5	4	5	10	2 4	72	96
278	ZI3454	5		4	5			10	2 4	74	98
279	ZI3455	5		4	5			10	2 4	74	98

280	ZI3456			5	5		4	10	2 4	73	97
281	ZI3457	5	5				4	10	2 4	73	97
282	ZI3458		5		5	4		10	2 4	69	93
283	ZI3459	5	5			5		10	2 5	73	98
284	ZI3460	4	5			5		10	2 4	73	97
285	ZI3461		5			4	5	10	2 4	73	97
286	ZI3462	5		4	5			10	2 4	73	97
287	ZI3463	4		5		5		10	2 4	73	97
288	ZI3464			4	5		5	10	2 4	73	97
289	ZI3465	5	5		5			10	2 5	74	99
290	ZI3466	5	5				4	10	2 4	68	92
291	ZI3467				5	4	5	10	2 4	72	96
292	ZI3468				5	4	5	10	2 4	68	92
293	ZI3469		5	3		5		10	2 3	73	96
294	ZI3470	5	4			4		10	2 3	75	98
295	ZI3471	4		4	5			10	2 3	69	92
296	ZI3472				4	4	5	10	2 3	70	93
297	ZI3473		5	5			4	10	2 4	69	93
298	ZI3474		4		5	5		10	2 4	69	93
<b>No. of Students Attempted</b>		<b>14 9</b>	<b>10 6</b>	<b>15 1</b>	<b>15 2</b>	<b>17 1</b>	<b>16 2</b>	<b>298</b>	<b>2 9 8</b>	<b>298</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14 6</b>	<b>10 6</b>	<b>14 9</b>	<b>15 2</b>	<b>17 1</b>	<b>16 1</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										298	
<b>% of students secured &gt;= Threshold marks</b>		<b>97. 99</b>	<b>10 0</b>	<b>98. 68</b>	<b>10 0</b>	<b>10 0</b>	<b>99. 38</b>			<b>100</b>	
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>	

<b>Direct CO Attainment</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>				
	<b>1</b>	<b>2</b>	<b>2</b>			<b>1</b>				
<b>Total CO Attainment</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>				
	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>				
<b>Average CO Attainment</b>									2.93	

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>59</b>	<b>62</b>	<b>64</b>	<b>67</b>	<b>64</b>	<b>64</b>
<b>Level 2</b>	<b>88</b>	<b>79</b>	<b>74</b>	<b>75</b>	<b>81</b>	<b>78</b>
<b>Level 3</b>	<b>151</b>	<b>157</b>	<b>160</b>	<b>156</b>	<b>153</b>	<b>156</b>
<b>Total no. of students participated</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>
<b>CO Attainment Level</b>	<b>2.31</b>	<b>2.32</b>	<b>2.32</b>	<b>2.3</b>	<b>2.3</b>	<b>2.31</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	1		1	3	2	3	1	2		3	1	3
<b>CO2</b>	2	1		2	1		2	3	2		2	2
<b>CO3</b>	2	2	3		2	3	1	1		1		2
<b>CO4</b>	1	3	1	1	1		2		1	2	1	1
<b>CO5</b>	2			2		1			2	3		
<b>CO6</b>		1	2		2	2	3	2	3		2	

<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.75</b>	<b>1.75</b>	<b>2</b>	<b>1.6</b>	<b>2.25</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>1.5</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.56</b>	<b>1.71</b>	<b>1.71</b>	<b>1.95</b>	<b>1.56</b>	<b>2.2</b>	<b>1.76</b>	<b>1.95</b>	<b>1.95</b>	<b>2.2</b>	<b>1.47</b>	<b>1.95</b>



Computation of CO Direct Attainment										
Course :Sub 1										
Class: MCA III Sem.-V A.Y. 2017-18 Couse Code:										
Internal Assessment									External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1301	5			5	2		10	22	46
2	XF1302	5		5			5	10	25	55
3	XF1303		5	5		3		10	23	37
4	XF1304		5		5	3		10	23	40
5	XF1305	5		5			5	10	25	55
6	XF1306		5		5		5	10	25	38
7	XF1307		5		5		5	10	25	50
8	XF1308	5		5			3	10	23	42
9	XF1309			5	5	5		10	25	51
10	XF1310		5		5		3	10	23	44
11	XF1311	5	5			5		10	25	44
12	XF1312	5	5			3		10	23	46
13	XF1313	5			5	4		10	24	42
14	XF1314		5	5			4	10	24	51
15	XF1315	5		5			4	10	24	44
<b>No. of Students Attempted</b>		<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>15</b>	<b>15</b>	<b>5</b>



		PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9		PO1 1	PO1 2
CO1	3	3	1	3	2	1	2	3	1	2	3	1
CO2	1	1	3	3	1	2	3		1		1	2
CO3		2	2	2	2	1	2	3	2	2	2	3
CO4	2	1	1		3	2	3	1	3	3		1
CO5		2		1	3			3	1	1	1	3
CO6	2		2	2		3	1	2		2	2	
<b>Average PO Attainment</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>2.2</b>	<b>1.8</b>	<b>2.2</b>	<b>2.4</b>	<b>1.6</b>	<b>2</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.96</b>	<b>1.76</b>	<b>1.76</b>	<b>2.16</b>	<b>2.16</b>	<b>1.76</b>	<b>2.16</b>	<b>2.35</b>	<b>1.57</b>	<b>1.96</b>	<b>1.76</b>	<b>1.96</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course :Sub 2</b>											
<b>Class: MCA III Sem.-V A.Y. 2017-18 Couse Code:</b>											
<b>Internal Assessment</b>										<b>External Assessment</b>	
Sr. No.		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	XF1301	5		5		2		10	22	33	
2	XF1302	5		5			5	10	25	38	
3	XF1303		5	5			3	10	23	31	
4	XF1304		5		5	4		10	24	41	
5	XF1305		5	5		5		10	25	54	
6	XF1306	5			5	5		10	25	41	

7	XF1307	5	5		5			10	2 5	47
8	XF1308	5			5	4		10	2 4	43
9	XF1309		5	5		4		10	2 4	43
10	XF1310		5			4	5	10	2 4	36
11	XF1311	5		5	5			10	2 5	34
12	XF1312	5		5	4			10	2 4	33
13	XF1313		5		4		5	10	2 4	35
14	XF1314	5				4	5	10	2 4	38
15	XF1315	5		5		4		10	2 4	41
<b>No. of Students Attempted</b>		<b>9</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>9</b>	<b>5</b>	<b>15</b>	<b>1 5</b>	<b>15</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>9</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>5</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										15
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>88 .8 9</b>	<b>10 0</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 4</b>	<b>2. 53</b>	<b>2. 4</b>	<b>2. 47</b>	<b>2. 27</b>	<b>2. 4</b>			
<b>Total CO Attainment</b>		<b>2. 94</b>	<b>2. 95</b>	<b>2. 94</b>	<b>2. 95</b>	<b>2. 93</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.94

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>
<b>Level 2</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>5</b>

<b>Level 3</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>8</b>
<b>Total no. of students participated</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>CO Attainment Level</b>	<b>2.4</b>	<b>2.53</b>	<b>2.4</b>	<b>2.47</b>	<b>2.27</b>	<b>2.4</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	1	1		2	2	2	1	2	1	3	2	1
CO2	2	3	3	1		2		1		3	1	2
CO3	3		2	3	2	3	3	2	2	2	3	3
CO4		1	1	1	1		1	3	3		1	
CO5	1	2	3			1	3	1	1	1	3	2
CO6	2	1	2	2	2	2	2		2	2		3
<b>Average PO Attainment</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>1.76</b>	<b>1.57</b>	<b>2.16</b>	<b>1.76</b>	<b>1.72</b>	<b>1.96</b>	<b>1.96</b>	<b>1.76</b>	<b>1.76</b>	<b>2.16</b>	<b>1.96</b>	<b>2.16</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course :Sub 3</b>	
<b>Class: MCA III Sem.-V A.Y. 2017-18 Couse Code:</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr. No.		Test-I (15) (Any three)						Assig nmen t	T ot al	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6
1	XF1301	5		5		2		10	2 2	30	
2	XF1302		5		5		5	10	2 5	43	
3	XF1303		5		5	3		10	2 3	30	
4	XF1304		5	5		3		10	2 3	35	
5	XF1305	5			5		5	10	2 5	35	
6	XF1306	5		5	5			10	2 5	30	
7	XF1307		5	5		5		10	2 5	36	
8	XF1308		5	5			3	10	2 3	33	
9	XF1309	5			5		5	10	2 5	31	
10	XF1310	5			5		3	10	2 3	33	
11	XF1311	5		5		5		10	2 5	30	
12	XF1312		5		5	3		10	2 3	31	
13	XF1313	5		5			4	10	2 4	35	
14	XF1314	5	5				4	10	2 4	30	
15	XF1315		5	5			4	10	2 4	35	
<b>No. of Students Attempted</b>		<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>8</b>	<b>15</b>	<b>1 5</b>	<b>15</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>8</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										15	
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>83 .3 3</b>	<b>10 0</b>			<b>100</b>	
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>	
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>				

<b>Indirect CO Attainment Level</b>	<b>2.53</b>	<b>2.33</b>	<b>2.53</b>	<b>2.47</b>	<b>2.4</b>	<b>2.6</b>			
<b>Total CO Attainment</b>	<b>2.95</b>	<b>2.93</b>	<b>2.95</b>	<b>2.95</b>	<b>2.94</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>2.94</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>
<b>Level 2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>4</b>
<b>Level 3</b>	<b>10</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>10</b>
<b>Total no. of students participated</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>CO Attainment Level</b>	<b>2.53</b>	<b>2.33</b>	<b>2.53</b>	<b>2.47</b>	<b>2.4</b>	<b>2.6</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	3	1	3	2		3	1	1	1	2	3	1
<b>CO2</b>	3	3	2	3	2	2	3	1	2	3		3
<b>CO3</b>	2	1	3	2	1		1	3	1		3	
<b>CO4</b>	1	2	2	1	2	3		1			2	2
<b>CO5</b>	2		2		3	2	1	3	2	1	1	1
<b>CO6</b>	3	2	1	2	2	1	2			3	2	1

Average PO Attainment	2.33	1.8	2.17	2	2	2.2	1.6	1.8	1.5	2.25	2.2	1.6
PO's Attainment at Course Level	2.28	1.76	2.13	1.96	1.96	2.16	1.57	1.76	1.47	2.21	2.16	1.57

Computation of CO Direct Attainment											
Course :Sub 4											
Class: MCA III Sem.-V A.Y. 2017-18 Course Code:											
Internal Assessment										External Assessment	
Sr. No.	MAX.	Test-I (15) (Any three)						Assignment	Total	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)				
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	XF1301			5	5		2	10	22	37	
2	XF1302		5	5		5		10	25	41	
3	XF1303	5			5	3		10	23	32	
4	XF1304	5			5	3		10	23	39	
5	XF1305	5		5			5	10	25	47	
6	XF1306		5		5		5	10	25	31	
7	XF1307		5	5			5	10	25	39	
8	XF1308		5	5		3		10	23	36	
9	XF1309	5			5	5		10	25	46	
10	XF1310	5			5	3		10	23	30	
11	XF1311		5	5			5	10	25	32	





<b>CO Attainment Level</b>	<b>2.53</b>	<b>2.4</b>	<b>2.27</b>	<b>2.53</b>	<b>2.33</b>	<b>2.47</b>
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<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	3	2	2	1	2	1	1	2	1	3	2	1
CO2	1		1	1			2		2		1	
CO3	2	2	2	3	3	3		2		2	3	2
CO4	3			1			1	1		1	2	3
CO5	2	3	1	2	2	1	3	3	2	3		2
CO6		2	2		3	3	2	1	3	2	2	1
<b>Average PO Attainment</b>	<b>2.2</b>	<b>2.25</b>	<b>1.6</b>	<b>1.6</b>	<b>2.5</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2.2</b>	<b>2</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>2.16</b>	<b>2.21</b>	<b>1.57</b>	<b>1.57</b>	<b>2.45</b>	<b>1.96</b>	<b>1.76</b>	<b>1.76</b>	<b>1.96</b>	<b>2.16</b>	<b>1.96</b>	<b>1.76</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course :Sub 5</b>										
<b>Class: MCA III Sem.-V A.Y. 2017-18 Couse Code:</b>										
<b>Internal Assessment</b>										<b>External Assessment</b>
<b>Sr. No.</b>		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1301		5	5		2		10	22	36

2	XF1302	5	5				5	10	2 5	43
3	XF1303		5		5	3		10	2 3	35
4	XF1304	5		5		3		10	2 3	44
5	XF1305	5			5		5	10	2 5	47
6	XF1306	5		5			5	10	2 5	33
7	XF1307		5			5	5	10	2 5	39
8	XF1308		5	5			3	10	2 3	42
9	XF1309		5	5		5		10	2 5	47
10	XF1310	5		5			3	10	2 3	38
11	XF1311	5			5		5	10	2 5	31
12	XF1312	5			5	3		10	2 3	34
13	XF1313		5		5	4		10	2 4	42
14	XF1314		5	5		4		10	2 4	43
15	XF1315	5		5	4			10	2 4	40
<b>No. of Students Attempted</b>		<b>8</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>8</b>	<b>7</b>	<b>15</b>	<b>1</b> <b>5</b>	<b>15</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>8</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>7</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										15
<b>% of students secured &gt;= Threshold marks</b>		<b>10</b> <b>0</b>	<b>10</b> <b>0</b>	<b>10</b> <b>0</b>	<b>10</b> <b>0</b>	<b>87</b> <b>.5</b>	<b>10</b> <b>0</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.</b> <b>4</b>	<b>2.</b> <b>53</b>	<b>2.</b> <b>47</b>	<b>2.</b> <b>27</b>	<b>2.</b> <b>27</b>	<b>2.</b> <b>33</b>			
<b>Total CO Attainment</b>		<b>2.</b> <b>94</b>	<b>2.</b> <b>95</b>	<b>2.</b> <b>95</b>	<b>2.</b> <b>93</b>	<b>2.</b> <b>93</b>	<b>2.</b> <b>93</b>			
<b>Average CO Attainment</b>										2.94

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	2	1	2	3	3	3
Level 2	5	5	4	5	5	4
Level 3	8	9	9	7	7	8
Total no. of students participated	15	15	15	15	15	15
CO Attainment Level	2.4	2.53	2.47	2.27	2.27	2.33

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	1	2	3	2	1	3	2	1	3	1
CO2	1	2	3	1	3	2		1		2	1	3
CO3	3	3	3	2			2	2	1	2	2	2
CO4	1			2	2	2	3	3	3		1	1
CO5	3	2	1	1	1	3	2		2	1	2	
CO6		3	3	2	2	2	1			2		2
Average PO Attainment	2	2.6	2.2	1.67	2.2	2.2	1.8	2.25	2	1.6	1.8	1.8
PO's Attainment at Course Level	1.96	2.55	2.16	1.64	2.16	2.16	1.76	2.21	1.96	1.57	1.76	1.76

Computation of CO Direct Attainment										
Course :Sub 1										
Class: MCA III Sem.-V A.Y. 2018-19 Couse Code:										
Internal Assessment									External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1551	5		5			3	10	25	32
2	XF1552		5		5		3	10	24	36
3	XF1553	5		5			3	10	24	6
4	XF1554		5	5		5		10	25	45
5	XF1555		5		5	5		10	24	36
6	XF1556	5		5		5		10	25	46
7	XF1557	5			5		5	10	25	49
8	XF1558		5	5			4	10	25	42
9	XF1559		5	5		3		10	25	42
10	XF1560		5	5			3	10	25	34
11	XF1561	5			5	3		10	24	32
<b>No. of Students Attempted</b>		<b>5</b>	<b>6</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>11</b>	<b>11</b>	<b>11</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>5</b>	<b>6</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>6</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										<b>11</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			

<b>Indirect CO Attainment Level</b>	<b>2.</b> <b>27</b>	<b>2.</b> <b>36</b>	<b>2.</b> <b>09</b>	<b>2.</b> <b>18</b>	<b>2.</b> <b>55</b>	<b>2.</b> <b>64</b>			
<b>Total CO Attainment</b>	<b>2.</b> <b>93</b>	<b>2.</b> <b>94</b>	<b>2.</b> <b>91</b>	<b>2.</b> <b>92</b>	<b>2.</b> <b>96</b>	<b>2.</b> <b>93</b>			
<b>Average CO Attainment</b>									2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>
<b>Level 2</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>2</b>
<b>Level 3</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>8</b>
<b>Total no. of students participated</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.36</b>	<b>2.09</b>	<b>2.18</b>	<b>2.55</b>	<b>2.64</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3		2	1	2	3	1	2	3	3	3	2
CO2		3	1	2	3		3	1	1	1	1	2
CO3	2	2	3	3	3	2	2	2	2	2		
CO4	2		1			2					1	
CO5	1	1	3	2	1	1	3	1	1	1	3	2
CO6	3	3		1	2	2	1			3		1

Average PO Attainment	2.2	2.25	2	1.8	2.2	2	2	1.5	1.75	2	2	1.75
PO's Attainment at Course Level	2.15	2.2	1.95	1.76	2.15	1.95	1.95	1.47	1.71	1.95	1.95	1.71

Computation of CO Direct Attainment											
Course :Sub 2											
Class: MCA III Sem.-V A.Y. 2018-19 Couse Code:											
Internal Assessment										External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	XF1551		5	5		3		10	25	35	
2	XF1552		5		5	3		10	24	31	
3	XF1553	5			5	3		10	24	23	
4	XF1554	5		5			5	10	25	36	
5	XF1555	5		5			5	10	24	33	
6	XF1556		5	5		5		10	25	37	
7	XF1557		5		5	5		10	25	41	
8	XF1558		5		5		4	10	25	36	
9	XF1559	5			5		3	10	25	30	
10	XF1560		5	5			3	10	25	30	
11	XF1561	5		5		3		10	24	30	

No. of Students Attempted	5	6	6	5	6	5	11	11	11
In Internal Assessment No. of Students Secured > = Threshold marks (60%=3Marks)	5	6	6	5	6	5			
In External Assessment No. of Students Secured > =Threshold marks (50%=25 Marks)									10
% of students secured >= Threshold marks	100	100	100	100	100	100			90.91
Attainment Level	3	3	3	3	3	3			3
Direct CO Attainment	3	3	3	3	3	3			
Indirect CO Attainment Level	2.27	2.36	2.64	2.18	2.45	2.55			
Total CO Attainment	2.93	2.94	2.96	2.92	2.95	2.93			
Average CO Attainment									2.94

Computation of CO Direct Attainment											
Course :Sub 2											
Class: MCA III Sem.-V A.Y. 2018-19 Couse Code:											
Internal Assessment										External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	XF1551		5	5		3		10	25	35	
2	XF1552		5		5	3		10	24	31	
3	XF1553	5			5	3		10	24	23	
4	XF1554	5		5			5	10	25	36	
5	XF1555	5		5			5	10	24	33	
6	XF1556		5	5		5		10	25	37	
7	XF1557		5		5	5		10	25	41	





<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.36</b>	<b>2.64</b>	<b>2.18</b>	<b>2.45</b>	<b>2.55</b>
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<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2	1	1	2	1	3	1	2		3	1	3
CO2	3	3	3	2		2	2	3	2		2	2
CO3		1	3		2	2	1	1		1		2
CO4	2	2	1	3	2	1	2		1	2	1	1
CO5	2			1	3				2	3		
CO6		3	2		1	1	3	2	3		2	
<b>Average PO Attainment</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>1.5</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>2.21</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.76</b>	<b>1.76</b>	<b>1.76</b>	<b>1.96</b>	<b>1.96</b>	<b>2.21</b>	<b>1.47</b>	<b>1.96</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course :Sub 3</b>											
<b>Class: MCA III Sem.-V A.Y. 2018-19 Couse Code:</b>											
<b>Internal Assessment</b>										<b>External Assessment</b>	
<b>Sr. No.</b>		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	XF1551			3	5		5	10	25	38	
2	XF1552		5		5	3		10	25	36	

3	XF1553	5		5			3	10	2 4	24
4	XF1554	5			5		5	10	2 5	35
5	XF1555	5		5			5	10	2 4	39
6	XF1556		5	5		5		10	2 5	45
7	XF1557		5		5	5		10	2 5	46
8	XF1558		5		5		4	10	2 5	49
9	XF1559	5			5		3	10	2 5	45
10	XF1560	5		5		3		10	2 5	30
11	XF1561		5	5		3		10	2 4	30
<b>No. of Students Attempted</b>		<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>11</b>	<b>1 1</b>	<b>11</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>6</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										10
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>			<b>0</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>FALSE</b>
<b>Direct CO Attainment</b>		<b>0. 6</b>	<b>0. 6</b>	<b>0. 6</b>	<b>0. 6</b>	<b>0. 6</b>	<b>0. 6</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 45</b>	<b>2. 27</b>	<b>2. 09</b>	<b>2. 36</b>	<b>2. 64</b>	<b>2. 55</b>			
<b>Total CO Attainment</b>		<b>0. 79</b>	<b>0. 77</b>	<b>0. 75</b>	<b>0. 78</b>	<b>0. 8</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										1.14

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>
<b>Level 2</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>3</b>

<b>Level 3</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>7</b>
<b>Total no. of students participated</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
<b>CO Attainment Level</b>	<b>2.45</b>	<b>2.27</b>	<b>2.09</b>	<b>2.36</b>	<b>2.64</b>	<b>2.55</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	3	2	3		2	3	1	3	1	1	2
CO2			1		3	1	1	2			2	1
CO3	2	3		1	2	3	3	1	3	2		
CO4	3	2	2	2		1	1			2	2	1
CO5			3		1		3	2	1		3	3
CO6	1	1		1	2			1	2	2		
<b>Average PO Attainment</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2.2</b>	<b>1.4</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>0.76</b>	<b>0.86</b>	<b>0.76</b>	<b>0.67</b>	<b>0.76</b>	<b>0.67</b>	<b>0.84</b>	<b>0.53</b>	<b>0.86</b>	<b>0.67</b>	<b>0.76</b>	<b>0.67</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course :Sub 4</b>	
<b>Class: MCA III Sem.-V    A.Y. 2018-19    Couse Code:</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr. No.		Test-I (15) (Any three)						Assig nmen t	T ot al	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6
1	XF1551	5		5		3		10	2 5	39	
2	XF1552		5	5			3	10	2 5	33	
3	XF1553	5			5		3	10	2 4	30	
4	XF1554		5	5			5	10	2 5	35	
5	XF1555		5		5	5		10	2 4	36	
6	XF1556	5		5		5		10	2 5	53	
7	XF1557	5			5		5	10	2 5	58	
8	XF1558		5		5		4	10	2 5	51	
9	XF1559	3	5		5			10	2 5	48	
10	XF1560		5	5		3		10	2 5	30	
11	XF1561	5		5		3		10	2 4	17	
<b>No. of Students Attempted</b>		<b>6</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>11</b>	<b>1 1</b>	<b>11</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>6</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										10	
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>			<b>90.91</b>	
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>	
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 45</b>	<b>2. 36</b>	<b>2. 55</b>	<b>2. 36</b>	<b>2. 27</b>	<b>2. 36</b>				
<b>Total CO Attainment</b>		<b>2. 95</b>	<b>2. 94</b>	<b>2. 96</b>	<b>2. 94</b>	<b>2. 93</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>										2.94	

Computation of Indirect CO's Attainment

Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	2	1	2	2	2
Level 2	4	3	3	3	4	3
Level 3	6	6	7	6	5	6
Total no. of students participated	11	11	11	11	11	11
CO Attainment Level	2.45	2.36	2.55	2.36	2.27	2.36

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	2	3	2	2	1	2	3		2	1
CO2	1		1		3	1		3		3	1	1
CO3		1	3	1	2		3	2	3	2	3	3
CO4	2	2	2	2		1	2		2		1	
CO5		3	1		1	3		1	1	1	2	2
CO6	1	1		3	1		2		2	3		
Average PO Attainment	1.5	1.6	1.8	2.25	1.8	1.75	2	2	2.2	2.25	1.8	1.75
PO's Attainment at Course Level	1.47	1.57	1.76	2.21	1.76	1.72	1.96	1.96	2.16	2.21	1.76	1.72

Computation of CO Direct Attainment										
Course :Sub 4										
Class: MCA III Sem.-V A.Y. 2018-19 Couse Code:										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10		
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1551		5	5		3		10	25	37
2	XF1552		5		5	3		10	24	42
3	XF1553		5		5	3		10	24	30
4	XF1554	5			5		5	10	25	46
5	XF1555	5		5			5	10	24	36
6	XF1556		5	5		5		10	25	44
7	XF1557		5		5	5		10	25	46
8	XF1558	5			5		4	10	25	43
9	XF1559	5		5			3	10	25	36
10	XF1560	5	5			3		10	25	30
11	XF1561		5		5	3		10	24	32
<b>No. of Students Attempted</b>		<b>5</b>	<b>7</b>	<b>4</b>	<b>6</b>	<b>7</b>	<b>4</b>	<b>11</b>	<b>11</b>	<b>11</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>5</b>	<b>7</b>	<b>4</b>	<b>6</b>	<b>7</b>	<b>4</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										<b>11</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>

<b>Direct CO Attainment</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>	<b>2.</b> <b>45</b>	<b>2.</b> <b>36</b>	<b>2.</b> <b>55</b>	<b>2.</b> <b>27</b>	<b>2.</b> <b>36</b>	<b>2.</b> <b>18</b>			
<b>Total CO Attainment</b>	<b>2.</b> <b>95</b>	<b>2.</b> <b>94</b>	<b>2.</b> <b>96</b>	<b>2.</b> <b>93</b>	<b>2.</b> <b>94</b>	<b>2.</b> <b>93</b>			
<b>Average CO Attainment</b>									2.94

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>
<b>Level 2</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>3</b>
<b>Level 3</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>5</b>
<b>Total no. of students participated</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
<b>CO Attainment Level</b>	<b>2.45</b>	<b>2.36</b>	<b>2.55</b>	<b>2.27</b>	<b>2.36</b>	<b>2.18</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
<b>CO1</b>			<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>1</b>	<b>3</b>	<b>2</b>
<b>CO2</b>	<b>1</b>	<b>1</b>		<b>1</b>		<b>3</b>	<b>1</b>		<b>2</b>		<b>2</b>	<b>3</b>
<b>CO3</b>	<b>2</b>	<b>3</b>	<b>1</b>			<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>
<b>CO4</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>		<b>1</b>	<b>2</b>		<b>1</b>		
<b>CO5</b>	<b>3</b>		<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>CO6</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>		<b>1</b>	<b>2</b>



<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.75</b>	<b>2</b>	<b>1.5</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>2.2</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.57</b>	<b>1.72</b>	<b>1.96</b>	<b>1.47</b>	<b>1.96</b>	<b>1.96</b>	<b>1.76</b>	<b>1.76</b>	<b>2.21</b>	<b>1.96</b>	<b>2.16</b>	<b>1.76</b>

Computation of CO Direct Attainment										
Course :Sub 1										
Class: MCA II Sem.-III A.Y. 2019-20 Couse Code:										
Internal Assessment									External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1781	5	5			3		10	23	30
<b>No. of Students Attempted</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										<b>1</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>100</b>	<b>#D IV/0!</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>3</b>	<b>#D IV/0!</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>		<b>2.7</b>	<b>1.8</b>	<b>2.7</b>	<b>0.9</b>	<b>2.7</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										<b>2.29</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	0	0	0	1	0	0
Level 2	0	1	0	0	0	1

<b>Level 3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Total no. of students participated</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>CO Attainment Level</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2	3		2	1	3	3	3	2	1	2	3
CO2	1		3	1	2	1	1	1	2	3		1
CO3	2	2	2	3	3	2	2				1	
CO4	2	2		1				1		2	2	1
CO5	1	1	1	3	2	1	1	3	2	3		2
CO6		3	3		1		3		1	2	1	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2.2</b>	<b>1.5</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.22</b>	<b>1.68</b>	<b>1.72</b>	<b>1.53</b>	<b>1.37</b>	<b>1.34</b>	<b>1.53</b>	<b>1.53</b>	<b>1.34</b>	<b>1.68</b>	<b>1.15</b>	<b>1.37</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :Sub 2</b>
<b>Class: MCA II Sem.-III A.Y. 2019-20 Couse Code:</b>

Internal Assessment									External Assessment	
Sr. No.	MAX. Seat No	Test-I (15) (Any three)						Assignment	Total	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)			
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1781	5			5	4		10	24	69
<b>No. of Students Attempted</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										1
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>100</b>	<b>100</b>	<b>#D IV/0!</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>3</b>	<b>3</b>	<b>#D IV/0!</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>		<b>0.9</b>	<b>1.8</b>	<b>0.9</b>	<b>2.7</b>	<b>2.7</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										1.99

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	0	1	0	0	0
Level 2	0	1	0	0	0	1
Level 3	0	0	0	1	1	0

Total no. of students participated	1	1	1	1	1	1
CO Attainment Level	1	2	1	3	3	2

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	2	1	3	2		3	1	2		3	1	3
CO2	2		2	1	3	2	2	3	2		2	2
CO3		2	2	2		1	1	1		1		2
CO4	3	2	1	1	2	2	2		1	2	1	1
CO5	1	3			1	1			2	3		
CO6		1	1	3	2		3	2	3		2	
Average PO Attainment	2	1.8	1.8	1.8	2	1.8	1.8	2	2	2.25	1.5	2
PO's Attainment at Course Level	1.33	1.19	1.19	1.19	1.33	1.19	1.19	1.33	1.33	1.49	1	1.33

Computation of CO Direct Attainment							
Course :Sub 3							
Class: MCA II Sem.-III A.Y. 2019-20 Couse Code:							
Internal Assessment					External Assessment		
Sr. No.		Test-I (15) (Any three)			Assignment	Total	Marks



CO Attainment Level	2	1	3	1	3	2
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COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	3	2	3		2	2	1		3	1	3	1
CO2		1		3	1			1	1	2		
CO3	3		1	2	3	3	3	2	3	1	3	2
CO4	2	2	2		1		2		1			2
CO5		3		1		2	3	1	3	2	1	
CO6	1		1	2		1		3		1	2	2
Average PO Attainment	2.25	2	1.75	2	1.75	2	2.25	1.75	2.2	1.4	2.25	1.75
PO's Attainment at Course Level	1.49	1.33	1.16	1.33	1.16	1.33	1.49	1.16	1.46	0.93	1.49	1.16

Computation of CO Direct Attainment										
Course :Sub 4										
Class: MCA II Sem.-III A.Y. 2019-20 Couse Code:										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1781	5		5		5		10	25	75

<b>No. of Students Attempted</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>									<b>1</b>
<b>% of students secured &gt;= Threshold marks</b>	<b>100</b>	<b>#D IV/0!</b>	<b>100</b>	<b>#D IV/0!</b>	<b>100</b>	<b>#D IV/0!</b>			<b>100</b>
<b>Attainment Level</b>	<b>3</b>	<b>#D IV/0!</b>	<b>3</b>	<b>#D IV/0!</b>	<b>3</b>	<b>#D IV/0!</b>			<b>3</b>
<b>Direct CO Attainment</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>	<b>2.7</b>	<b>0.9</b>	<b>2.7</b>	<b>0.9</b>	<b>1.8</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>1.99</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Level 2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Level 3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total no. of students participated</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>CO Attainment Level</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>	
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>



	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	2	3		2	1	2	1	2	3	2	2	
CO2	3		3	1	1			1		3	1	2
CO3	2	3	2	3	3	3	1	3	1	2		3
CO4		2		1			2	2	2		1	
CO5	1	1	1	2	2	1	3	1		1	3	2
CO6		2	3			2	1		3	1		1
<b>Average PO Attainment</b>	<b>2</b>	<b>2.2</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.33</b>	<b>1.46</b>	<b>1.49</b>	<b>1.19</b>	<b>1.16</b>	<b>1.33</b>	<b>1.06</b>	<b>1.19</b>	<b>1.49</b>	<b>1.19</b>	<b>1.16</b>	<b>1.33</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course :Sub 5</b>											
<b>Class: MCA III Sem.-V A.Y. 2019-20 Couse Code:</b>											
<b>Internal Assessment</b>										<b>External Assessment</b>	
Sr. No.		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)				
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	XF1781	5		5	4			10	25	75	
<b>No. of Students Attempted</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>1</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>#D IV/0!</b>	<b>100</b>	<b>100</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>				<b>100</b>

<b>Attainment Level</b>	<b>3</b>	<b>#D IV/ 0!</b>	<b>3</b>	<b>3</b>	<b>#D IV/ 0!</b>	<b>#D IV/ 0!</b>			<b>3</b>
<b>Direct CO Attainment</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>	<b>1.8</b>	<b>0.9</b>	<b>2.7</b>	<b>2.7</b>	<b>0.9</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>1.99</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Level 2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Level 3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Total no. of students participated</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>CO Attainment Level</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>													
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>												
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	
<b>CO1</b>		<b>1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>			<b>3</b>	<b>2</b>		<b>2</b>	<b>1</b>
<b>CO2</b>	<b>2</b>		<b>2</b>	<b>3</b>		<b>3</b>	<b>1</b>	<b>1</b>		<b>1</b>			<b>3</b>
<b>CO3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>		<b>2</b>	<b>3</b>	<b>1</b>				<b>2</b>
<b>CO4</b>		<b>1</b>			<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>		<b>2</b>	
<b>CO5</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>		<b>3</b>		<b>3</b>	<b>1</b>		<b>1</b>	<b>1</b>

CO6	3		1	2	2	2	1	2	1		3	3
Average PO Attainment	2.25	2	2.2	1.8	1.8	2	1.6	1.75	2	1.5	2	2
PO's Attainment at Course Level	1.49	1.33	1.46	1.19	1.19	1.33	1.06	1.16	1.33	1	1.33	1.33

Computation of CO Direct Attainment										
Course : Sub 1										
Class: MCA III Sem.-V A.Y. 2020-21 Couse Code:										
Internal Assessment									External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF5201	5		5		5		10	25	62
2	XF5202	5			5	5		10	25	64
3	XF5203	5			5		5	10	25	66
4	XF5204		5		5		5	10	25	58
5	XF5205		5	5			5	10	25	62
6	XF5206	5		5			4	10	24	66
7	XF5207	5			5	4		10	24	66
8	XF5208		5		5	4		10	24	47
9	XF5209	5			5		5	10	25	68
10	XF5210		5	5			5	10	25	68
11	XF5211		5	5			4	10	24	58
12	XF5212		5	5		5		10	25	66
13	XF5213	5			5	4		10	24	62
14	XF5214	5			5	5		10	25	62
15	XF5215	5		5			4	10	24	56
16	XF5216	5		5			5	10	25	56
17	XF5217		5		5	4		10	24	53

18	XF5218		5			4	5	10	2 4	66
19	XF5219	5			5	5		10	2 5	45
20	XF5220	5		5		5		10	2 5	70
21	XF5221		5	5			4	10	2 4	58
22	XF5222	5	5				4	10	2 4	58
23	XF5223		5	5			4	10	2 4	AA
24	XF5224		5		5	5		10	2 5	66
25	XF5225	5			5	5		10	2 5	68
26	XF5226	5			5		5	10	2 5	68
27	XF5227		5	5		5		10	2 5	58
28	XF5228	5		5		5		10	2 5	60
<b>No. of Students Attempted</b>		<b>16</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>15</b>	<b>14</b>	<b>28</b>	<b>2 8</b>	<b>27</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>16</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>15</b>	<b>14</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										27
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 18</b>	<b>2. 29</b>	<b>2. 36</b>	<b>2. 11</b>	<b>2. 25</b>	<b>2. 43</b>			
<b>Total CO Attainment</b>		<b>2. 92</b>	<b>2. 93</b>	<b>2. 94</b>	<b>2. 91</b>	<b>2. 93</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>8</b>	<b>7</b>	<b>4</b>

<b>Level 2</b>	<b>9</b>	<b>10</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>8</b>
<b>Level 3</b>	<b>12</b>	<b>13</b>	<b>15</b>	<b>11</b>	<b>14</b>	<b>16</b>
<b>Total no. of students participated</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>CO Attainment Level</b>	<b>2.18</b>	<b>2.29</b>	<b>2.36</b>	<b>2.11</b>	<b>2.25</b>	<b>2.43</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2	2	3	1	2	3	1	3	2		3	3
CO2		1	2	3	1	3	3	2	3	2	2	2
CO3	3		2	1		1	1	3	2	1		3
CO4		1			2	2	2	2	1	2	3	2
CO5	1	3	2	1	1			2		3	2	
CO6	2		3	3	2	2	2	1	2	2	1	3
<b>Average PO Attainment</b>	<b>2</b>	<b>1.75</b>	<b>2.4</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>1.8</b>	<b>2.17</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.6</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>1.71</b>	<b>2.34</b>	<b>1.76</b>	<b>1.56</b>	<b>2.15</b>	<b>1.76</b>	<b>2.12</b>	<b>1.95</b>	<b>1.95</b>	<b>2.15</b>	<b>2.54</b>

<b>Computation of CO Direct Attainment</b>
<b>Course : Sub 2</b>
<b>Class: MCA III Sem.-V    A.Y. 2020-21    Couse Code:</b>

Internal Assessment										External Assessment				
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks				
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)				Q6 (5)	10	25	75
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5				CO 6			
1	XF5201	5			5	4		10	24	58				
2	XF5202		5		5	5		10	25	75				
3	XF5203	5			5		4	10	24	53				
4	XF5204	5		5			5	10	25	55				
5	XF5205		5	5		5		10	25	75				
6	XF5206		5		5		4	10	24	75				
7	XF5207	5			5	5		10	25	66				
8	XF5208	5		5		5		10	25	55				
9	XF5209	5		5			4	10	24	47				
10	XF5210		5	5			5	10	25	70				
11	XF5211		5		5		5	10	25	71				
12	XF5212		5	5		4		10	24	68				
13	XF5213	5		5		4		10	24	75				
14	XF5214		5	5			4	10	24	71				
15	XF5215		5		5		5	10	25	70				
16	XF5216	5			5	5		10	25	62				
17	XF5217	5		5		4		10	24	53				
18	XF5218		5	5		4		10	24	75				
19	XF5219		5		5	4		10	24	55				
20	XF5220		5		5		5	10	25	70				

21	XF5221	5			5	4		10	2 4	55
22	XF5222	5		5			5	10	2 5	75
23	XF5223	5			5		4	10	2 4	55
24	XF5224		5		5	5		10	2 5	68
25	XF5225	5		5		4		10	2 4	71
26	XF5226		5	5			4	10	2 5	70
27	XF5227	5		5			4	10	2 4	66
28	XF5228	5			5		5	10	2 5	62
<b>No. of Students Attempted</b>		<b>15</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>28</b>	<b>2 8</b>	<b>28</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>15</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										28
<b>% of students secured &gt;= Threshold marks</b>		<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>	<b>10 0</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2. 39</b>	<b>2. 39</b>	<b>2. 32</b>	<b>2. 21</b>	<b>2. 39</b>	<b>2. 14</b>			
<b>Total CO Attainment</b>		<b>2. 94</b>	<b>2. 94</b>	<b>2. 93</b>	<b>2. 92</b>	<b>2. 94</b>	<b>2. 93</b>			
<b>Average CO Attainment</b>										2.93

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>4</b>	<b>8</b>
<b>Level 2</b>	<b>7</b>	<b>5</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>8</b>
<b>Level 3</b>	<b>16</b>	<b>17</b>	<b>14</b>	<b>13</b>	<b>15</b>	<b>12</b>



<b>Total no. of students participated</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>CO Attainment Level</b>	<b>2.39</b>	<b>2.39</b>	<b>2.32</b>	<b>2.21</b>	<b>2.39</b>	<b>2.14</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	1	2	3	2	1	3	1	3	1	1	2
CO2		1			1	2	1	2			2	1
CO3	3		2	3		2	3	1	3	2		
CO4	1	1	1		1		1			2	2	1
CO5		2		1	3	2	3	2	1		3	3
CO6	2		2	2		3		1	2	2		
<b>Average PO Attainment</b>	<b>2</b>	<b>1.25</b>	<b>1.75</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>2.2</b>	<b>1.4</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>1.22</b>	<b>1.71</b>	<b>2.2</b>	<b>1.71</b>	<b>1.95</b>	<b>2.15</b>	<b>1.37</b>	<b>2.2</b>	<b>1.71</b>	<b>1.95</b>	<b>1.71</b>

<b>Computation of CO Direct Attainment</b>					
<b>Course : Sub 3</b>					
<b>Class: MCA III Sem.-V A.Y. 2020-21 Couse Code:</b>					
<b>Internal Assessment</b>					<b>External Assessment</b>
<b>Sr. No.</b>		<b>Test-I (15) (Any three)</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>

	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	2 5	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF5201		5	5		4		10	2 4	70
2	XF5202		5	5		5		10	2 5	75
3	XF5203		5		5	4		10	2 4	75
4	XF5204	5			5		5	10	2 5	56
5	XF5205	5		5			5	10	2 5	62
6	XF5206		5	4	5			10	2 4	75
7	XF5207		5		5	5		10	2 5	75
8	XF5208	5			5	4		10	2 4	71
9	XF5209	5		5			4	10	2 4	64
10	XF5210	5			5		5	10	2 5	75
11	XF5211		5		5		4	10	2 4	75
12	XF5212	5		5		5		10	2 5	75
13	XF5213	5		5			4	10	2 4	75
14	XF5214		5	5		4		10	2 4	75
15	XF5215		5		5	5		10	2 5	75
16	XF5216	5			5		4	10	2 4	75
17	XF5217	5		5			4	10	2 4	60
18	XF5218	5		5		4		10	2 4	75
19	XF5219		5		5	5		10	2 5	66
20	XF5220		5		5	4		10	2 4	75
21	XF5221		5	5			5	10	2 5	75
22	XF5222	5			5	4		10	2 4	75
23	XF5223		5	5		4		10	2 4	75

24	XF5224	5			5		5	10	25	73
25	XF5225	5			5		4	10	24	75
26	XF5226		5		5	5		10	25	75
27	XF5227		5	5		5		10	25	71
28	XF5228		5	5		5		10	25	68
<b>No. of Students Attempted</b>		<b>13</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>11</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>13</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>11</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										28
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.18</b>	<b>2.36</b>	<b>2.25</b>	<b>2.39</b>	<b>2.57</b>	<b>2.57</b>			
<b>Total CO Attainment</b>		<b>2.92</b>	<b>2.94</b>	<b>2.93</b>	<b>2.94</b>	<b>2.96</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.94

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>3</b>
<b>Level 2</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>8</b>	<b>6</b>
<b>Level 3</b>	<b>12</b>	<b>15</b>	<b>13</b>	<b>16</b>	<b>18</b>	<b>19</b>

<b>Total no. of students participated</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>CO Attainment Level</b>	<b>2.18</b>	<b>2.36</b>	<b>2.25</b>	<b>2.39</b>	<b>2.57</b>	<b>2.57</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	1	3	2	3	1	2	3	3	1	2	3	1
CO2	1	2	1		2	1		2	3	1	2	2
CO3	2	3	1	2	1		3		2	1		1
CO4	1		2	1	1	2		1			2	2
CO5		1	3	2		3	1	3	2	1	1	
CO6	2	2		3	3	2	2		3	3	2	2
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2.2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.6</b>	<b>2</b>	<b>2.25</b>	<b>2.25</b>	<b>2.2</b>	<b>1.6</b>	<b>2</b>	<b>1.6</b>
<b>PO's Attainment at Course Level</b>	<b>1.37</b>	<b>2.16</b>	<b>1.76</b>	<b>2.16</b>	<b>1.57</b>	<b>1.96</b>	<b>2.21</b>	<b>2.21</b>	<b>2.16</b>	<b>1.57</b>	<b>1.96</b>	<b>1.57</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course : Sub 4</b>										
<b>Class: MCA III Sem.-V A.Y. 2020-21 Couse Code:</b>										
<b>Internal Assessment</b>										<b>External Assessment</b>
<b>Sr. No.</b>	<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	<b>MAX.</b>						10	25	75	
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)			

	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF5201	5		5		5		10	2 5	73
2	XF5202	5			5	5		10	2 5	75
3	XF5203		5	5	5			10	2 5	75
4	XF5204		5		5	5		10	2 5	75
5	XF5205		5	5			5	10	2 5	75
6	XF5206			5	4		5	10	2 4	75
7	XF5207	5		5			4	10	2 4	62
8	XF5208	5			5	4		10	2 4	75
9	XF5209		5		5		4	10	2 4	75
10	XF5210		5	5			5	10	2 5	71
11	XF5211	5			5	5		10	2 5	62
12	XF5212		5			5	5	10	2 5	75
13	XF5213	5			5	4		10	2 4	75
14	XF5214	5		5		4		10	2 4	75
15	XF5215		5	5		5		10	2 5	75
16	XF5216		5		5		5	10	2 5	75
17	XF5217	5			5		4	10	2 4	53
18	XF5218	5			5		4	10	2 4	75
19	XF5219	5		5			5	10	2 5	75
20	XF5220		5	5			5	10	2 5	75
21	XF5221		5		5	5		10	2 5	75
22	XF5222		5	5		4		10	2 4	75
23	XF5223	5		5		4		10	2 4	75
24	XF5224	5			5		5	10	2 5	75



<b>CO Attainment Level</b>	<b>2.43</b>	<b>2.68</b>	<b>2.68</b>	<b>2.54</b>	<b>2.46</b>	<b>2.61</b>
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<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2	3	2	3		2	2		3		3	3
CO2			1		3	1	2	1	2	3	2	3
CO3	2	3		1	2	3	3	2	3	2	1	1
CO4	3	2	2	2		1		1			2	
CO5			3		1		1	3	2	1	1	3
CO6	1	1		1	2		2		3	3		1
<b>Average PO Attainment</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2.6</b>	<b>2.25</b>	<b>1.8</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>1.97</b>	<b>2.21</b>	<b>1.97</b>	<b>1.72</b>	<b>1.97</b>	<b>1.72</b>	<b>1.97</b>	<b>1.72</b>	<b>2.56</b>	<b>2.21</b>	<b>1.77</b>	<b>2.16</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course : Sub 5</b>												
<b>Class: MCA III Sem.-V A.Y. 2020-21 Couse Code:</b>												
<b>Internal Assessment</b>										<b>External Assessment</b>		
<b>Sr. No.</b>		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)					Q6 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5					CO 6
1	XF5201		5	5		4		10	24	75		
2	XF5202		5		5	5		10	25	75		

3	XF5203		5	5			4	10	2 4	75
4	XF5204	5		5			5	10	2 5	75
5	XF5205	5			5		5	10	2 5	68
6	XF5206	5			5	4		10	2 4	75
7	XF5207		5	5		4		10	2 4	66
8	XF5208		5	5			4	10	2 4	73
9	XF5209	5		5			5	10	2 5	75
10	XF5210		5		5	5		10	2 5	70
11	XF5211	5			5		4	10	2 4	75
12	XF5212		5		5	4		10	2 4	75
13	XF5213		5	5			4	10	2 4	75
14	XF5214		5	5			4	10	2 4	75
15	XF5215	5			5		4	10	2 4	75
16	XF5216	5			5	4		10	2 4	68
17	XF5217		5	5		4		10	2 4	58
18	XF5218		5		5		4	10	2 4	75
19	XF5219	5		5			5	10	2 5	75
20	XF5220	5		5		5		10	2 5	75
21	XF5221	5		5		5		10	2 5	75
22	XF5222		5		5		5	10	2 5	75
23	XF5223		5		5	5		10	2 5	66
24	XF5224		5	5			5	10	2 5	75
25	XF5225	5		5			5	10	2 5	75
26	XF5226	5			5	5		10	2 5	75
27	XF5227	5		5	5			10	2 5	73



28	XF5228		5		5	5		10	25	73
<b>No. of Students Attempted</b>		<b>13</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>13</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>14</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										28
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.57</b>	<b>2.5</b>	<b>2.46</b>	<b>2.29</b>	<b>2.61</b>	<b>2.5</b>			
<b>Total CO Attainment</b>		<b>2.96</b>	<b>2.95</b>	<b>2.95</b>	<b>2.93</b>	<b>2.96</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										2.95

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>3</b>
<b>Level 2</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>Level 3</b>	<b>18</b>	<b>17</b>	<b>16</b>	<b>15</b>	<b>19</b>	<b>17</b>
<b>Total no. of students participated</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>CO Attainment Level</b>	<b>2.57</b>	<b>2.5</b>	<b>2.46</b>	<b>2.29</b>	<b>2.61</b>	<b>2.5</b>

**COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL**

CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1	3	2	1	2	1	3	2	1	3
CO2	2		2		1		1		1		2	1
CO3		2		2	3	2	3	2	2	1	2	2
CO4	1	1		1	2	3	2	3	3	3		1
CO5	3	3	2	3		2		2		2	1	2
CO6	2	1	3	2	2	1	2	1			2	
<b>Average PO Attainment</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2.2</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.77</b>	<b>1.77</b>	<b>1.97</b>	<b>2.16</b>	<b>1.97</b>	<b>1.77</b>	<b>1.97</b>	<b>1.77</b>	<b>2.21</b>	<b>1.97</b>	<b>1.57</b>	<b>1.77</b>

Computation of CO Direct Attainment										
Course :Sub 1										
Class: MCA II Sem.-III A.Y. 2019-20 Couse Code:										
Internal Assessment									External Assessment	
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)			
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1781	5	5			3		10	23	30
<b>No. of Students Attempted</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										<b>1</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>100</b>	<b>#D IV/0!</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>3</b>	<b>#D IV/0!</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>		<b>2.7</b>	<b>1.8</b>	<b>2.7</b>	<b>0.9</b>	<b>2.7</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										<b>2.29</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	0	0	0	1	0	0
Level 2	0	1	0	0	0	1

<b>Level 3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Total no. of students participated</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>CO Attainment Level</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2	3		2	1	3	3	3	2	1	2	3
CO2	1		3	1	2	1	1	1	2	3		1
CO3	2	2	2	3	3	2	2				1	
CO4	2	2		1				1		2	2	1
CO5	1	1	1	3	2	1	1	3	2	3		2
CO6		3	3		1		3		1	2	1	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2.2</b>	<b>1.5</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.22</b>	<b>1.68</b>	<b>1.72</b>	<b>1.53</b>	<b>1.37</b>	<b>1.34</b>	<b>1.53</b>	<b>1.53</b>	<b>1.34</b>	<b>1.68</b>	<b>1.15</b>	<b>1.37</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :Sub 2</b>
<b>Class: MCA II Sem.-III    A.Y. 2019-20    Couse Code:</b>

Internal Assessment									External Assessment	
Sr. No.	MAX. Seat No	Test-I (15) (Any three)						Assignment	Total	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)			
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1781	5			5	4		10	24	69
<b>No. of Students Attempted</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										1
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>100</b>	<b>100</b>	<b>#D IV/0!</b>			<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>	<b>3</b>	<b>3</b>	<b>#D IV/0!</b>			<b>3</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>		<b>0.9</b>	<b>1.8</b>	<b>0.9</b>	<b>2.7</b>	<b>2.7</b>	<b>2.93</b>			
<b>Average CO Attainment</b>										1.99

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	0	1	0	0	0
Level 2	0	1	0	0	0	1
Level 3	0	0	0	1	1	0

Total no. of students participated	1	1	1	1	1	1
CO Attainment Level	1	2	1	3	3	2

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	2	1	3	2		3	1	2		3	1	3
CO2	2		2	1	3	2	2	3	2		2	2
CO3		2	2	2		1	1	1		1		2
CO4	3	2	1	1	2	2	2		1	2	1	1
CO5	1	3			1	1			2	3		
CO6		1	1	3	2		3	2	3		2	
Average PO Attainment	2	1.8	1.8	1.8	2	1.8	1.8	2	2	2.25	1.5	2
PO's Attainment at Course Level	1.33	1.19	1.19	1.19	1.33	1.19	1.19	1.33	1.33	1.49	1	1.33

Computation of CO Direct Attainment							
Course :Sub 3							
Class: MCA II Sem.-III A.Y. 2019-20 Couse Code:							
Internal Assessment					External Assessment		
Sr. No.		Test-I (15) (Any three)			Assignment	Total	Marks



CO Attainment Level	2	1	3	1	3	2
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COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	3	2	3		2	2	1		3	1	3	1
CO2		1		3	1			1	1	2		
CO3	3		1	2	3	3	3	2	3	1	3	2
CO4	2	2	2		1		2		1			2
CO5		3		1		2	3	1	3	2	1	
CO6	1		1	2		1		3		1	2	2
Average PO Attainment	2.25	2	1.75	2	1.75	2	2.25	1.75	2.2	1.4	2.25	1.75
PO's Attainment at Course Level	1.49	1.33	1.16	1.33	1.16	1.33	1.49	1.16	1.46	0.93	1.49	1.16

Computation of CO Direct Attainment										
Course :Sub 4										
Class: MCA II Sem.-III A.Y. 2019-20 Couse Code:										
Internal Assessment										External Assessment
Sr. No.		Test-I (15) (Any three)						Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)	10	25	75
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	XF1781	5		5		5		10	25	75



<b>No. of Students Attempted</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>									<b>1</b>
<b>% of students secured &gt;= Threshold marks</b>	<b>100</b>	<b>#D IV/0!</b>	<b>100</b>	<b>#D IV/0!</b>	<b>100</b>	<b>#D IV/0!</b>			<b>100</b>
<b>Attainment Level</b>	<b>3</b>	<b>#D IV/0!</b>	<b>3</b>	<b>#D IV/0!</b>	<b>3</b>	<b>#D IV/0!</b>			<b>3</b>
<b>Direct CO Attainment</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>	<b>2.7</b>	<b>0.9</b>	<b>2.7</b>	<b>0.9</b>	<b>1.8</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>1.99</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Level 2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Level 3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total no. of students participated</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>CO Attainment Level</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>	
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO1 1	PO1 2
CO1	2	3		2	1	2	1	2	3	2	2	
CO2	3		3	1	1			1		3	1	2
CO3	2	3	2	3	3	3	1	3	1	2		3
CO4		2		1			2	2	2		1	
CO5	1	1	1	2	2	1	3	1		1	3	2
CO6		2	3			2	1		3	1		1
<b>Average PO Attainment</b>	<b>2</b>	<b>2.2</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.33</b>	<b>1.46</b>	<b>1.49</b>	<b>1.19</b>	<b>1.16</b>	<b>1.33</b>	<b>1.06</b>	<b>1.19</b>	<b>1.49</b>	<b>1.19</b>	<b>1.16</b>	<b>1.33</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course :Sub 5</b>											
<b>Class: MCA III Sem.-V A.Y. 2019-20 Couse Code:</b>											
<b>Internal Assessment</b>										<b>External Assessment</b>	
Sr. No.		<b>Test-I (15) (Any three)</b>						<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
		Q1 (5)	Q2 (5)	Q3 (5)	Q4 (5)	Q5 (5)	Q6 (5)				
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	XF1781	5		5	4			10	25	75	
<b>No. of Students Attempted</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										<b>1</b>	
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>#D IV/0!</b>	<b>100</b>	<b>100</b>	<b>#D IV/0!</b>	<b>#D IV/0!</b>			<b>100</b>	

<b>Attainment Level</b>	<b>3</b>	<b>#D IV/ 0!</b>	<b>3</b>	<b>3</b>	<b>#D IV/ 0!</b>	<b>#D IV/ 0!</b>			<b>3</b>
<b>Direct CO Attainment</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Total CO Attainment</b>	<b>1.8</b>	<b>0.9</b>	<b>2.7</b>	<b>2.7</b>	<b>0.9</b>	<b>2.93</b>			
<b>Average CO Attainment</b>									<b>1.99</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Level 2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Level 3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Total no. of students participated</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>CO Attainment Level</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>		<b>1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>			<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>
<b>CO2</b>	<b>2</b>		<b>2</b>	<b>3</b>		<b>3</b>	<b>1</b>	<b>1</b>		<b>1</b>		<b>3</b>
<b>CO3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>		<b>2</b>	<b>3</b>	<b>1</b>			<b>2</b>
<b>CO4</b>		<b>1</b>			<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	
<b>CO5</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>		<b>3</b>		<b>3</b>	<b>1</b>	<b>1</b>	

CO6	3		1	2	2	2	1	2	1		3	3
Average PO Attainment	2.25	2	2.2	1.8	1.8	2	1.6	1.75	2	1.5	2	2
PO's Attainment at Course Level	1.49	1.33	1.46	1.19	1.19	1.33	1.06	1.16	1.33	1	1.33	1.33

Computation of Overall CO Attainment											
Course : BT1											
Class: BBA III Yr. V Sem.      A.Y. 2020-21      Couse Code: XXXXI											
Internal Assessment											External Assessment
Sr. No.	Max. Mrks	Test-I (10)(Any Two)			Test -II (10)(Any Two)			Seminar	Assignment	Total	Marks
	Seat no.	Q1(5)	Q2(5)	Q3(5)	Q1(5)		Q2(5)	10	5	35	40
		CO1		CO2	CO3		CO4				
1	ZK59951	5		5	4		3	5	3	25	25
2	ZK59952	5		5	4		3	5	3	25	26
3	ZK59953		5	5		4	3	5	3	25	20
4	ZK59954		5	5	3	4		5	3	25	17
5	ZK59955	5		5		5	5	9	5	34	26
6	ZK59956	5	5		4		3	5	3	25	27
7	ZK59957	5	5		4		3	5	3	25	24
8	ZK59958	5		5	5	5		8	4	32	27
9	ZK59959	5		5		5	5	9	5	34	21
10	ZK59960		5	5		5	5	8	4	32	24
11	ZK59961		4	4	4	4		9	5	30	31
12	ZK59962	5		5	4		3	5	3	25	26
13	ZK59963	5	5		4		3	5	3	25	22
14	ZK59964	5		5	4		3	5	3	25	27
15	ZK59965	5		5		4	3	5	3	25	24
16	ZK59966		5	5	3	4		5	3	25	25
17	ZK59967	5	5		5	5		9	5	34	29
18	ZK59968	5	5			5	5	9	5	34	24
19	ZK59969		5	5		5	5	9	5	34	22
20	ZK59970	5		5	5		5	9	5	34	21
21	ZK59971	4		5	4	4		8	5	30	23
22	ZK59972		4	5	4	4		8	5	30	25
23	ZK59973		4	5		4	4	8	5	30	21
24	ZK59974	4		5	4	4		8	5	30	29
25	ZK59975	4	5		4	4		8	5	30	29
26	ZK59976	4		5	4		4	8	5	30	20

27	ZK59977		4	5	4		4	8	5	30	26
28	ZK59978		4	5	4		4	8	5	30	26
29	ZK59979	4		5		4	4	8	5	30	33
30	ZK59980	4	5		4	4		8	5	30	20
31	ZK59981	4	5		4	4		8	5	30	32
32	ZK59982	4		5		4	4	8	5	30	25
33	ZK59983		4	4		4	4	8	5	32	24
34	ZK59984		5	5	5		5	8	4	32	24
35	ZK59985		5	5	5		5	9	4	34	34
36	ZK59986		5	4	5		5	9	4	32	19
37	ZK59987	5		4	5	5		9	4	32	22
38	ZK59988	5	4			5	5	9	4	32	26
39	ZK59989	3	4			4	4	8	4	34	33
40	ZK59990	5		4		5	5	9	4	32	23
41	ZK59991		4	4		4	4	8	5	25	26
42	ZK59992		4	4	4	4		8	4	30	30
43	ZK59993	5	5		5		5	9	4	33	25
44	ZK59994	4	5		5		5	9	4	32	25
45	ZK59995		5	5	4		5	8	5	32	23
46	ZK59996	5		5		4	5	8	5	32	27
47	ZK59997	5	5			4	5	8	5	32	21
48	ZK59998	5	5			5	5	9	5	34	30
49	ZK59999		5	4		4	4	9	5	34	28
50	ZK60000		4	4		4	4	9	5	34	33
51	ZK60001	5		5		4	3	5	3	25	26
52	ZK60002	5		5	4		3	5	3	25	22
53	ZK60003		4	4	4		4	9	5	25	24
54	ZK60004		5	5	4		3	5	3	34	23
55	ZK60005	4		4	4		4	9	5	30	30
56	ZK60006	5	5		5	5		8	4	32	24
57	ZK60007		5	5		3	4	5	3	25	23
58	ZK60008		4	4		4	4	9	5	30	29
59	ZK60009	5		5		3	4	5	3	25	16
60	ZK60010	5		5		3	4	5	3	25	34
61	ZK60011		5	5	4	3		5	3	25	29

62	ZK60012		5	5	5	5		9	5	34	22
63	ZK60013		4	4	4		4	4	2	22	27
64	ZK60014	5		5	4		3	5	3	25	19
65	ZK60015	4		4	5		5	9	5	32	29
66	ZK60016	4	4			4	4	9	5	30	26
67	ZK60017	5	5		3	4		5	3	25	25
68	ZK60018	5	5		3	4		5	3	25	25
69	ZK60019	5		5	5	5		9	5	34	30
70	ZK60020	5		5	3	4		5	3	25	23
71	ZK60021		5	5	5	5		9	5	34	29
72	ZK60022		5	5		5	5	7	5	32	28
73	ZK60023		5	5		4	3	5	3	25	28
74	ZK60024		5	5	4		3	5	3	25	27
75	ZK60025	5		5	5		5	5	5	30	32
76	ZK60026	5		5	5		5	5	5	30	32
77	ZK60027	5	5		4	3		5	3	25	23
78	ZK60028	5	5		4	3		5	3	25	19
79	ZK60029	5	5		4	3		5	3	25	24
80	ZK60030	4	4		4		5	10	5	33	21
81	ZK60031	5	5			4	3	5	3	25	22
82	ZK60032	5	5		4		3	5	3	25	21
83	ZK60033	5		5	5	5		8	5	33	28
84	ZK60034	5		5	5	5		7	5	32	22
85	ZK60035		4	4		4	4	9	5	30	27
86	ZK60036		5	5		5	5	8	5	33	25
87	ZK60037		5	5	5	5		8	5	33	31
88	ZK60038		5	5	5		5	8	5	33	25
89	ZK60039		5	5	5		5	9	5	34	28
90	ZK60040	5		5	4		3	5	3	25	29
91	ZK60041	5		5	4		3	5	3	25	26
92	ZK60042	5	5			5	5	8	5	33	27
93	ZK60043	5	5			4	3	5	3	25	24
94	ZK60044	5	5	4	3			5	3	25	27
95	ZK60045	5	5		4	4		8	5	31	22
96	ZK60046	4	4		4	4		9	5	30	16

97	ZK60047	5		5	5	5		9	5	34	23
98	ZK60048	5		5		4	3	5	3	25	19
99	ZK60049	5	5			5	5	9	5	34	31
100	ZK60050	5		5	4		3	5	3	25	26
101	ZK60051		5	5	4		3	5	3	25	23
102	ZK60052		5	5	4		3	5	3	25	29
103	ZK60053		5	5	4	3		5	3	25	27
104	ZK60054	5	5			4	5	7	5	31	22
105	ZK60055		5	5		3	4	5	3	25	27
106	ZK60056	5	5			3	4	5	3	25	30
107	ZK60057		5	5		3	4	5	3	25	17
108	ZK60058	5		5	4	3		5	3	25	33
109	ZK60059	5		5	5	4		7	5	31	23
110	ZK60060	5		5	5		5	8	5	33	22
111	ZK60061	5		5	5		5	9	5	34	26
112	ZK60062	5		5		4	3	5	3	25	28
113	ZK60063	5		5		4	3	5	3	25	31
114	ZK60064	5	5		3	4		5	3	25	17
115	ZK60065	5	5		5	5		7	5	32	25
116	ZK60066	5	5	5	5			7	5	32	33
117	ZK60067	5	5	4			3	5	3	25	27
118	ZK60068	5	5	5			5	7	5	32	24
119	ZK60069	5	5		4	3		5	3	25	19
120	ZK60070	5	5		5	5		9	5	34	23
121	ZK60071	5		4	5		4	7	5	30	32
122	ZK60072	5		5	4		3	5	3	25	24
123	ZK60073	5		5	4	3		5	3	25	22
124	ZK60074	5		5	4	3		5	3	25	23
125	ZK60075	5		5	5	5		6	5	31	20
126	ZK60076	5		5	5	5		7	5	32	23
127	ZK60077		5	5	5		5	5	5	30	31
128	ZK60078		5	5	5		5	5	5	30	22
129	ZK60079	5	5		4		3	5	3	25	16
130	ZK60080	5	5			5	5	7	5	32	29
131	ZK60081	5		5		5	5	7	5	32	31



132	ZK60082	5	5		4		3	5	3	25	31
133	ZK60083	5	5		5		5	6	5	31	28
134	ZK60084		5	5	4		3	5	3	25	26
135	ZK60085	5		5		4	3	5	3	25	24
136	ZK60086	5		5		5	5	5	5	30	30
137	ZK60087	5		5		4	3	5	3	25	31
138	ZK60088		5	5	4		3	5	3	25	21
139	ZK60089	5		5	4		3	5	3	25	28
140	ZK60090	5	5		5		5	7	5	32	22
141	ZK60091	5		5	5	5		7	5	32	28
142	ZK60092	5	5		4	3		5	3	25	26
143	ZK60093	5	5		5		5	5	5	30	24
144	ZK60094	3		4	3		3	3	3	20	26
145	ZK60095		5	5	5		5	9	5	34	20
146	ZK60096	5		5	4	3		5	3	25	23
147	ZK60097	5	5		4	3		5	3	25	27
148	ZK60098	5	5	4			3	5	3	25	25
149	ZK60099	5	5		4	3		5	3	25	33
150	ZK60100	5		5	4		3	5	3	25	32
151	ZK60101	5	4	5			3	5	3	25	19
152	ZK60102		5	5		5	5	5	5	30	33
153	ZK60103		5	5		5	5	5	5	30	26
154	ZK60104	5		5	5		5	5	5	30	22
155	ZK60105	3		4	3		3	3	3	20	29
<b>No. of Students Attempted</b>		<b>108</b>	<b>97</b>	<b>111</b>	<b>103</b>	<b>94</b>	<b>107</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>105</b>	<b>71</b>	<b>79</b>	<b>69</b>	<b>47</b>	<b>47</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>97.22</b>	<b>73.2</b>	<b>71.17</b>	<b>66.99</b>	<b>50</b>	<b>43.93</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2.2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.17</b>	<b>2.21</b>	<b>2.23</b>	<b>2.25</b>	<b>2.28</b>	<b>2.26</b>				

<b>Total CO Attainment</b>	2.2	2.02	2.02	2.03	1.85	2.93					
<b>Average CO Attainment</b>											2.18

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	39	35	34	32	28	30
<b>Level 2</b>	51	53	52	53	55	54
<b>Level 3</b>	65	67	69	70	72	71
<b>Total no. of students participated</b>	155	155	155	155	155	155
<b>CO Attainment Level</b>	2.17	2.21	2.23	2.25	2.28	2.26

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO's)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	3		2		2	3		3		1	2
CO2		1	1			3				2	2	2
CO3			3	1		1		2	2			
CO4	2	3			2		1			3		
CO5	2	1	2	2	1		2	2	2		2	2
CO6	3	1	3	2		3		1	3	1	3	2
<b>Average PO Attainment</b>	<b>2.25</b>	<b>1.8</b>	<b>2.25</b>	<b>1.75</b>	<b>1.5</b>	<b>2.25</b>	<b>2</b>	<b>1.67</b>	<b>2.5</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.64</b>	<b>1.31</b>	<b>1.64</b>	<b>1.27</b>	<b>1.09</b>	<b>1.64</b>	<b>1.45</b>	<b>1.21</b>	<b>1.82</b>	<b>1.45</b>	<b>1.45</b>	<b>1.45</b>

Computation of Overall CO Attainment											
Course : RM											
Class: BBA III Yr. V Sem.      A.Y. 2020-21      Course Code: XXXXII											
Internal Assessment											External Assessment
Sr. No.	Max. Marks	Test-I (10)(Any Two)			Test -II (10)(Any Two)			Seminar	Assignment	Total	Marks
	seat no.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q2(5)	10	5	35	40
		CO1	CO2	CO3	CO4	CO5	CO6				
1	ZK59951	3		3	3		3	5	3	20	25
2	ZK59952	3		3	3	4		5	4	22	28
3	ZK59953		4	4	4	4		5	4	25	24
4	ZK59954	3	3		3		4	5	4	22	19
5	ZK59955		5	5	5	5		5	3	28	25
6	ZK59956	4		4		4	4	5	4	25	35
7	ZK59957	5	5		4		4	9	3	30	22
8	ZK59958	3	3		3		3	5	3	20	20
9	ZK59959	3	3			3	3	5	3	20	21
10	ZK59960	5		5		4	4	9	3	30	26
11	ZK59961	5		5	4		4	9	3	30	32
12	ZK59962		5	3	5	4		6	5	28	23
13	ZK59963	3	3		3	3		5	3	20	21
14	ZK59964		3	3		3	3	5	3	20	26
15	ZK59965	5		3	5	4		6	5	28	22
16	ZK59966	3	3		3		4	5	4	22	27
17	ZK59967	5	5		4		4	9	3	30	25
18	ZK59968	5		4		5	4	6	5	28	26
19	ZK59969	5		3	4	5		6	5	28	18
20	ZK59970		5	5		4	4	9	3	30	26
21	ZK59971	4		4		4	4	5	4	25	32
22	ZK59972		3	3	3		3	5	3	20	32
23	ZK59973	3		3	3		4	5	4	22	15
24	ZK59974	3	3			3	4	5	4	22	33

25	ZK59975	3		3		3	4	5	4	22	24
26	ZK59976		3	3		3	4	5	4	22	18
27	ZK59977		5	3	5		4	6	5	28	23
28	ZK59978	4		4	4		4	5	4	25	25
29	ZK59979	5	5		4	4		9	3	30	33
30	ZK59980	3	3			4	3	5	4	22	20
31	ZK59981	3		3	3	3		5	3	20	27
32	ZK59982	5		3	5		4	6	5	28	21
33	ZK59983	5		3	5		4	6	5	28	22
34	ZK59984	5	3			5	4	6	5	28	26
35	ZK59985		5	5	4	4		9	3	30	27
36	ZK59986	5	3			5	4	6	5	28	17
37	ZK59987	4		4	4		4	5	4	25	17
38	ZK59988	5		3	5		4	6	5	28	22
39	ZK59989		5	5	4	5		9	4	32	36
40	ZK59990		5	3		4	5	6	5	28	21
41	ZK59991	4		4	4	4		5	4	25	30
42	ZK59992	4		4	4		4	5	4	25	25
43	ZK59993	5		3	5		4	6	5	28	27
44	ZK59994	5		3		5	4	6	5	28	22
45	ZK59995	4	4		4	4		5	4	25	28
46	ZK59996	5	3			5	4	6	5	28	30
47	ZK59997	5		3	5		4	6	5	28	23
48	ZK59998	5		5	4	4		9	3	30	31
49	ZK59999	5		5	4	5		9	4	32	25
50	ZK60000		5	3		4	5	6	5	28	32
51	ZK60001		3	3	3	4		5	4	22	28
52	ZK60002		5	3	5		4	6	5	28	24
53	ZK60003	5		3		5	4	6	5	28	19
54	ZK60004	3		3		3	4	5	4	22	25
55	ZK60005	5	3		4	5		6	5	28	28

56	ZK60006	3	3			3	3	5	3	20	26
57	ZK60007	4		4	4		4	5	4	25	22
58	ZK60008	4		4	4		4	9	5	22	29
59	ZK60009		3	3	3		3	5	3	20	27
60	ZK60010	3		3	3	4		5	4	22	25
61	ZK60011		3	3		4	3	5	4	22	32
62	ZK60012	3		3	3	4		5	4	22	23
63	ZK60013	3		3	3		4	5	4	22	23
64	ZK60014	5		3	5		4	6	5	28	22
65	ZK60015	4	4			4	4	5	4	25	27
66	ZK60016	3	3		3	3		5	3	20	24
67	ZK60017	5		3		5	4	6	5	28	17
68	ZK60018	3		3		3	4	5	4	22	18
69	ZK60019		3	3	3		3	5	3	20	23
70	ZK60020		5	5	4		3	5	3	25	35
71	ZK60021	5		5	4		4	9	3	30	30
72	ZK60022		3	3	3	4		5	4	22	24
73	ZK60023	5		5		4	4	9	3	30	25
74	ZK60024	3		3	3	4		5	4	22	30
75	ZK60025	3		3	3	3		5	3	20	37
76	ZK60026	3	3		3		3	5	3	20	36
77	ZK60027	3	3			3	3	5	4	21	21
78	ZK60028	3	3			3	4	5	4	22	24
79	ZK60029	3	3		4	3		5	4	22	20
80	ZK60030	3		3		3	3	5	3	20	26
81	ZK60031		5	5	3		4	6	5	28	28
82	ZK60032		5	5	3	4		6	5	28	28
83	ZK60033	3		3	3		3	5	3	20	27
84	ZK60034	3	3			3	4	5	4	22	16
85	ZK60035	5	3		4	5		6	5	28	26
86	ZK60036	4	4			4	4	5	4	25	26

87	ZK60037	3		3	3		4	5	4	22	26
88	ZK60038	5		3	5		4	6	5	28	27
89	ZK60039	5		5	3	4		6	5	28	32
90	ZK60040		5	3	5	4		6	5	28	34
91	ZK60041	5	5			4	4	9	3	30	27
92	ZK60042		4	4	4	4		5	4	25	27
93	ZK60043	3		3	3		4	5	4	22	20
94	ZK60044	5		5	3		4	6	5	28	23
95	ZK60045	3	3			3	3	5	3	20	22
96	ZK60046	3	3		3	3		5	3	20	12
97	ZK60047		4	4		4	4	5	4	25	22
98	ZK60048	4	4		4		4	5	4	25	18
99	ZK60049	5		5	4		4	9	3	30	33
100	ZK60050	3		3	3		3	5	3	20	23
101	ZK60051	5		5	3	4		6	5	28	23
102	ZK60052		3	3		4	3	5	4	22	26
103	ZK60053		3	3	3	4		5	4	22	26
104	ZK60054	5	5		5		4	7	5	25	25
105	ZK60055		3	3	3		3	5	3	20	28
106	ZK60056	3		3		3	3	5	3	20	27
107	ZK60057	3		3	4	3		5	4	22	23
108	ZK60058	4		4		4	4	5	4	25	28
109	ZK60059	3	3		3		4	5	4	22	27
110	ZK60060		3	3	3		3	5	3	20	24
111	ZK60061	3	3		3	4		5	4	22	30
112	ZK60062	5		5	3	4		6	5	28	22
113	ZK60063	5		5		5	4	9	4	32	29
114	ZK60064	3		3	3	3		5	3	20	22
115	ZK60065		3	3	3		4	5	4	22	28
116	ZK60066	3	3		3		4	5	4	22	24
117	ZK60067		4	4		4	4	5	4	25	30

118	ZK60068		4	4		4	4	5	4	25	26
119	ZK60069	3		3	4	3		5	4	22	30
120	ZK60070	4		4		4	4	5	4	25	28
121	ZK60071	3		3	3		4	5	4	22	28
122	ZK60072	5	5		4		4	9	3	30	26
123	ZK60073		3	3	3	4		5	4	22	23
124	ZK60074	3	3			4	3	5	4	22	18
125	ZK60075	3		3	3	4		5	4	22	17
126	ZK60076	4		4	4	4		5	4	25	28
127	ZK60077		3	3	3		3	5	3	20	28
128	ZK60078	4		4	4		4	5	4	25	29
129	ZK60079	3	3		3		4	5	4	22	21
130	ZK60080	3		3		3	4	5	4	22	24
131	ZK60081	3		3	4	3		5	4	22	34
132	ZK60082	4		4		4	4	5	4	25	32
133	ZK60083	4		4	4		4	5	4	25	21
134	ZK60084		3	3	3		4	5	4	22	30
135	ZK60085	3	3		3		4	5	4	22	29
136	ZK60086		4	4	4	4		5	4	25	30
137	ZK60086	3		3		5	4	4	3	22	28
138	ZK60088	3		3		3	3	5	3	20	19
139	ZK60089	3		3	3	3		5	3	20	24
140	ZK60090	4	4		4		4	5	4	25	28
141	ZK60091	5	5		5		5	7	5	22	30
142	ZK60092	5	5		4		3	5	3	26	29
143	ZK60093	4		4		4	4	5	4	25	18
144	ZK60094	4		4		4	4	5	4	25	21
145	ZK60095		4	4	4	4		5	4	25	27
146	ZK60096		3	3		3	4	5	4	22	28
147	ZK60097	5	5		4		4	9	3	30	22
148	ZK60098	3	5		5		4	6	5	28	20

149	ZK60099	3		3	3	4		5	4	22	28
150	ZK60100		3	3	3	4		5	4	22	28
151	ZK60101	4		4		4	4	5	4	25	18
152	ZK60102		3	3	3	3		5	3	20	31
153	ZK60103	3		3	3	4		5	4	22	30
154	ZK60104	3	3		3		4	5	4	22	32
155	ZK60105	4		4	4		4	5	4	25	30
<b>No. of Students Attempted</b>		<b>116</b>	<b>82</b>	<b>112</b>	<b>106</b>	<b>97</b>	<b>107</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>62</b>	<b>35</b>	<b>45</b>	<b>54</b>	<b>68</b>	<b>82</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>53.45</b>	<b>42.68</b>	<b>40.18</b>	<b>50.94</b>	<b>70.1</b>	<b>76.64</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.16</b>	<b>2.18</b>	<b>2.22</b>	<b>2.23</b>	<b>2.27</b>	<b>2.26</b>				
<b>Total CO Attainment</b>		<b>1.84</b>	<b>1.84</b>	<b>1.84</b>	<b>1.84</b>	<b>2.03</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											<b>2.05</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>40</b>	<b>37</b>	<b>35</b>	<b>35</b>	<b>30</b>	<b>31</b>
<b>Level 2</b>	<b>50</b>	<b>53</b>	<b>51</b>	<b>50</b>	<b>53</b>	<b>53</b>
<b>Level 3</b>	<b>65</b>	<b>65</b>	<b>69</b>	<b>70</b>	<b>72</b>	<b>71</b>
<b>Total no. of students participated</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>
<b>CO Attainment Level</b>	<b>2.16</b>	<b>2.18</b>	<b>2.22</b>	<b>2.23</b>	<b>2.27</b>	<b>2.26</b>



Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO7	PO8	PO 9	PO10	PO 11	PO 12
CO1	3	2		2	2	2	2	1	1	3	1	2
CO2		1	1			1				2	2	2
CO3	1		2	3		1	3	2	2		2	
CO4	2	3			2		1			3		3
CO5	2	1	2	2	1		2	2	2		2	2
CO6	3	1	3	2		3		1	3	1	3	2
<b>Average PO Attainment</b>	<b>2.2</b>	<b>1.6</b>	<b>2</b>	<b>2.25</b>	<b>1.67</b>	<b>1.75</b>	<b>2</b>	<b>1.5</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>1.5</b>	<b>1.09</b>	<b>1.37</b>	<b>1.54</b>	<b>1.14</b>	<b>1.2</b>	<b>1.37</b>	<b>1.03</b>	<b>1.37</b>	<b>1.54</b>	<b>1.37</b>	<b>1.5</b>

Computation of Overall CO Attainment											
Course : CA											
Class: BBA III Yr. V Sem.      A.Y. 2020-21      Couse Code: XXXXIII											
Internal Assessment										External Assessment	
Sr. No.	seat no.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)				
		CO1	CO2	CO3	CO4	CO5	CO6				
1	ZK59951	4		4	5	5		6	4	28	21
2	ZK59952		4	4	5	5		6	4	28	26
3	ZK59953		4	4	4		3	3	3	21	28
4	ZK59954	3		3		3	4	5	4	26	26
5	ZK59955	5	5		5	5		9	5	34	23
6	ZK59956	4	4			3	3	3	3	20	32
7	ZK59957	4		4	4		3	3	3	20	19

8	ZK59958		4	5		5	5	7	4	30	30
9	ZK59959		3	3		3	3	5	3	34	21
10	ZK59960	5		5	4		5	9	4	32	30
11	ZK59961	4	4		5		5	6	4	28	35
12	ZK59962	5		4	5	4		6	5	29	25
13	ZK59963		4	4	4	4		5	4	25	16
14	ZK59964	4	4			5	5	6	4	28	31
15	ZK59965		4	5	5	5		7	4	30	19
16	ZK59966		3	3	3		4	5	4	22	31
17	ZK59967	5		5	4		5	9	4	32	23
18	ZK59968	5		5	4		5	9	4	32	20
19	ZK59969	5	5			4	5	9	4	32	17
20	ZK59970	5	5			5	5	9	5	34	23
21	ZK59971	4	5			5	5	7	4	30	30
22	ZK59972	4		4		4	5	5	4	26	31
23	ZK59973		4	4	5		5	6	4	28	22
24	ZK59974	4	4		4	5		5	4	26	32
25	ZK59975		4	4		5	5	6	4	28	30
26	ZK59976	3		3	3	4		5	4	30	27
27	ZK59977	4		5	5	5		7	4	30	25
28	ZK59978	4	5		5		5	7	4	30	18
29	ZK59979		5	5	4		4	9	3	33	30
30	ZK59980	4	4			5	5	6	4	28	20
31	ZK59981	4	4			4	4	5	4	25	37
32	ZK59982	4		5	5	5		7	4	30	22
33	ZK59983	4		4		5	5	6	4	28	27
34	ZK59984		4	5	5		5	7	4	30	32
35	ZK59985		5	5	4		4	9	3	34	20
36	ZK59986	5	5		5	5		6	5	31	29
37	ZK59987		4	5	5	5		7	4	30	24
38	ZK59988	5		5	4	5		9	4	32	21
39	ZK59989	5		5	4	5		9	4	34	32
40	ZK59990	5	5		5		5	6	5	31	29
41	ZK59991		4	4	5		5	6	4	28	30
42	ZK59992	4	5			5	5	7	4	30	33

43	ZK59993	5	5		5	4		9	4	32	31
44	ZK59994	5		5		4	5	9	4	32	21
45	ZK59995		4	4		5	5	6	4	28	34
46	ZK59996		4	5	5		5	7	4	30	25
47	ZK59997	5	4		5	5		7	4	30	22
48	ZK59998		5	5	4	4		9	3	34	32
49	ZK59999	5		5	4	5		9	4	34	27
50	ZK60000	5		5	4	5		9	4	32	31
51	ZK60001	4	4		4		5	5	4	26	27
52	ZK60002	5	5		4		5	9	4	32	28
53	ZK60003		5	4		5	5	7	4	30	26
54	ZK60004	4	4			4	5	5	4	26	29
55	ZK60005	5	5			4	5	9	4	32	23
56	ZK60006	4		4		4	5	5	4	26	26
57	ZK60007		4	5	5		5	7	4	30	26
58	ZK60008	4	4		5	5		6	4	28	27
59	ZK60009		4	4	4	5		5	4	26	24
60	ZK60010		4	4	4	5		5	4	26	29
61	ZK60011	4		4	5		5	6	4	28	30
62	ZK60012	4		4	4		4	5	4	25	20
63	ZK60013	4	4		4	5		5	4	26	26
64	ZK60014		5	5		5	4	9	4	32	21
65	ZK60015	4	4		4	4		5	4	25	31
66	ZK60016	3		3	3		3	5	3	25	28
67	ZK60017	4		4		5	5	6	4	28	26
68	ZK60018		3	3		3	4	5	4	22	29
69	ZK60019	4	4			5	5	6	4	28	23
70	ZK60020		4	4	5		5	6	4	28	28
71	ZK60021	5		5	4	4		9	3	34	25
72	ZK60022	4		4	4	5		5	4	26	24
73	ZK60023	5	5		4	4		9	3	34	25
74	ZK60024		5	5	5		5	6	5	31	30
75	ZK60025	4	4			4	4	5	4	25	37
76	ZK60026	3		3		3	3	5	3	25	36
77	ZK60027		4	5	5		5	7	4	30	27

78	ZK60028		4	5	5		5	7	4	30	31
79	ZK60029	3	3			3	4	5	4	23	22
80	ZK60030		4	4		5	5	6	4	28	19
81	ZK60031	5		5	5		5	6	5	31	18
82	ZK60032	5	5		4		5	9	4	32	27
83	ZK60033		4	4	5	5		6	4	28	30
84	ZK60034	4	4		4		5	5	4	26	21
85	ZK60035	5	5		4	5		9	4	32	28
86	ZK60036	4		5	5		5	7	4	30	21
87	ZK60037	4		5		5	5	7	4	30	32
88	ZK60038	5		5		4	5	9	4	32	27
89	ZK60039		5	5	4		5	9	4	32	28
90	ZK60040	5	5		4	5		9	4	32	28
91	ZK60041		5	5	4	4		9	3	33	30
92	ZK60042		4	4	4		5	5	4	26	24
93	ZK60043	4		4		4	5	5	4	26	22
94	ZK60044	5		3		5	4	6	5	32	19
95	ZK60045	4		4		4	5	5	4	26	22
96	ZK60046	4	4		5		5	6	4	28	12
97	ZK60047	4	5		5		5	7	4	30	26
98	ZK60048		5	4	5	5		7	4	30	22
99	ZK60049	5	5		4	4		9	3	34	29
100	ZK60050	4		4	4		5	5	4	26	34
101	ZK60051	5		3	5		4	6	5	33	28
102	ZK60052	4		4		4	5	5	4	26	31
103	ZK60053		4	4		5	5	6	4	28	25
104	ZK60054	4	4		4		3	5	2	22	21
105	ZK60055		4	5	4	3		5	4	25	31
106	ZK60056	3		4	4	5		5	4	25	16
107	ZK60057	4		4	5		5	6	4	28	33
108	ZK60058	4	4			4	5	5	4	26	32
109	ZK60059	4	4			4	5	5	4	26	26
110	ZK60060		4	4		4	5	5	4	26	26
111	ZK60061	4	4		5		5	6	4	28	26
112	ZK60062	5		5	4		5	9	4	32	24

113	ZK60063	5		5	4	5		9	4	34	25
114	ZK60064		3	4	4	5		5	4	25	23
115	ZK60065	4	4		5	5		6	4	28	20
116	ZK60066		4	4	4		5	5	4	26	35
117	ZK60067		4	4		5	5	6	4	28	20
118	ZK60068	4		4	5	5		6	4	28	24
119	ZK60069	4	4			5	5	6	4	28	18
120	ZK60070	4	5		5		5	7	4	30	21
121	ZK60071		4	4	4		5	5	4	26	37
122	ZK60072	5	5		4	4		9	3	34	29
123	ZK60073	4	4		5	5		6	4	28	19
124	ZK60074	4		4	5		5	6	4	28	16
125	ZK60075	4		4		4	5	5	4	26	31
126	ZK60076	4		4		5	5	6	4	28	23
127	ZK60077		4	4	4		5	5	4	26	24
128	ZK60078	5	5		5		5	6	5	31	28
129	ZK60079		4	4	4	5		5	4	26	22
130	ZK60080		4	4	4	5		5	4	26	20
131	ZK60081	4		4	4		5	5	4	26	29
132	ZK60082	4		5	5		5	7	4	30	28
133	ZK60083	4	5			5	5	7	4	30	26
134	ZK60084	4			4	5	5	6	4	28	26
135	ZK60085		4	4		5	5	6	4	28	34
136	ZK60086	4	4			5	5	6	4	28	20
137	ZK60087	4		4	4		5	5	4	26	34
138	ZK60088		4	4	5		5	6	4	28	28
139	ZK60089		4	4	5		5	6	4	28	25
140	ZK60090	4	4		4	5		5	4	26	26
141	ZK60091		4	4		5	4	5	4	26	28
142	ZK60092		5	5	4	3		5	3	30	28
143	ZK60093	4		4	4	4		5	4	30	22
144	ZK60094	4	4		5		5	6	4	28	20
145	ZK60095	4		4	5		5	6	4	28	31
146	ZK60096	4		4		5	5	6	4	28	22
147	ZK60097	5	5		4	4		9	3	34	31

148	ZK60098	5	5			4	5	9	4	32	23
149	ZK60099		4	3	4		5	5	4	25	20
150	ZK60100	3	4		4		5	5	4	25	35
151	ZK60101	4		4	4	5		5	4	26	36
152	ZK60102	4		4		5	5	6	4	28	22
153	ZK60103		4	4	5	5		6	4	28	29
154	ZK60104		4	4	5		5	6	4	28	28
155	ZK60105	3		5		4	5	4	4	25	30
<b>No. of Students Attempted</b>		<b>104</b>	<b>102</b>	<b>103</b>	<b>105</b>	<b>100</b>	<b>106</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>96</b>	<b>97</b>	<b>93</b>	<b>102</b>	<b>92</b>	<b>99</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>112</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>92.31</b>	<b>95.1</b>	<b>90.29</b>	<b>97.14</b>	<b>92</b>	<b>93.4</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.15</b>	<b>2.16</b>	<b>2.21</b>	<b>2.24</b>	<b>2.25</b>	<b>2.23</b>				
<b>Total CO Attainment</b>		<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.21</b>	<b>2.2</b>				
<b>Average CO Attainment</b>											<b>2.2</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	42	40	37	35	32	33
Level 2	48	50	49	48	53	53
Level 3	65	65	69	72	70	69
Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.15	2.16	2.21	2.24	2.25	2.23

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2		2	2	2	2	2	1	3	1	2

CO2		3	1			1			2	2		1
CO3	2		3	2	2	1	2	2	2		3	
CO4	2	3			2	3	1			3	1	3
CO5	2	1	2	2	1		2	2	3		2	2
CO6	3	1	3	2		3		1	3	2	3	2
<b>Average PO Attainment</b>	<b>2.4</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>1.75</b>	<b>2.25</b>	<b>2.5</b>	<b>2</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.76</b>	<b>1.47</b>	<b>1.65</b>	<b>1.47</b>	<b>1.28</b>	<b>1.47</b>	<b>1.28</b>	<b>1.28</b>	<b>1.65</b>	<b>1.83</b>	<b>1.47</b>	<b>1.47</b>

Computation of CO Direct Attainment											
Course : ELE1											
Class: BBA III Yr. V Sem.    A.Y. 2020-21    Course Code: XXXXI											
Internal Assessment											External Assessment
Sr. No.	Seat no.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
		CO1	CO2	CO3	CO4	CO5	CO6				
1	ZK59951	4	4		5	4		4	4	25	35
2	ZK59952	4	4		5		4	4	4	25	27
3	ZK59953	4		4	5		4	4	4	25	22
4	ZK59954	4		4	5		4	4	4	25	25
5	ZK59955		5	5		5	5	9	5	34	33
6	ZK59956		5	5		5	5	8	5	33	34
7	ZK59957		4	4	5		4	5	4	26	27
8	ZK59958	4		5	5	5		7	4	30	31
9	ZK59959	5		5	4	5		9	4	34	31
10	ZK59960	5	5		4		5	9	4	34	33
11	ZK59961	5	5		5		5	8	5	33	34
12	ZK59962	4	4			5	4	5	4	26	37
13	ZK59963	4		4		5	4	5	4	26	28
14	ZK59964		3	3	3		3	5	4	21	28
15	ZK59965		4	5	5		5	7	4	30	33
16	ZK59966		4	4	5	4		4	4	25	26
17	ZK59967		5	5		5	5	8	5	33	33

18	ZK59968	5		5	4	5		9	4	31	31
19	ZK59969	5		5	4	5		9	4	31	31
20	ZK59970	5	5		5		5	9	5	34	20
21	ZK59971	4	5			5	5	7	4	30	34
22	ZK59972		4		4	5	4	5	4	26	32
23	ZK59973	4		4		5	5	6	4	28	36
24	ZK59974		4	4		4	5	5	4	26	22
25	ZK59975		4	4	5		5	6	4	28	23
26	ZK59976	4		5	5		5	7	4	30	30
27	ZK59977		4	5	5	5		7	4	30	29
28	ZK59978		4	5		5	5	7	4	30	33
29	ZK59979	5		5	5	5		8	5	33	39
30	ZK59980	4		4	5	5		6	4	28	17
31	ZK59981	4	4		4		4	5	4	25	36
32	ZK59982	4	5		5		5	7	4	30	29
33	ZK59983	4	4			5	5	6	4	28	31
34	ZK59984	4	5			5	5	7	4	30	36
35	ZK59985	5		5		4	4	9	3	34	26
36	ZK59986		5	5	5		5	6	5	31	31
37	ZK59987		4	5	5		5	7	4	28	28
38	ZK59988		5	5	4	5		9	4	34	32
39	ZK59989		5	5	5	5		8	5	33	38
40	ZK59990	5		5	5	5		6	5	31	32
41	ZK59991	4		4	5		5	6	4	25	32
42	ZK59992	4	5		5		5	7	4	30	34
43	ZK59993	5	5			4	5	9	4	34	32
44	ZK59994	5	5			4	5	9	4	34	28
45	ZK59995	4		4		5	4	5	4	26	36
46	ZK59996		4	5	5		5	7	4	34	34
47	ZK59997		4	5	5		5	7	4	32	36
48	ZK59998		5	5	5	5		8	5	33	36
49	ZK59999		5	5		5	4	9	4	34	34
50	ZK60000	5		5	4	5		9	4	34	31
51	ZK60001	4		4	5		4	4	4	25	37
52	ZK60002	5	5		4		5	9	4	32	33



53	ZK60003	4	5			5	5	7	4	31	29
54	ZK60004	4	4		4	5		4	4	25	32
55	ZK60005	5		5		4	5	9	4	32	34
56	ZK60006	4		4	5		4	5	4	26	29
57	ZK60007		4	5	5		5	7	4	30	31
58	ZK60008		4	4	5	5		6	4	34	30
59	ZK60009		4	4	5	5		6	4	28	34
60	ZK60010		5	5	5	5		8	5	33	37
61	ZK60011	4		4	5		4	4	4	25	34
62	ZK60012	4		4		4	4	5	4	25	21
63	ZK60013	4	4			5	5	6	4	28	34
64	ZK60014	5	5		4		5	9	4	31	26
65	ZK60015	4	4		5	4		4	4	25	30
66	ZK60016	4	4		5	4		4	4	25	34
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69	ZK60019		4	4		5	4	4	4	25	32
70	ZK60020		4	4		5	4	4	4	25	31
71	ZK60021		5	5	4		4	9	3	34	38
72	ZK60022		4	4	5	4		4	4	25	35
73	ZK60023		5	5	4	4		9	3	34	34
74	ZK60024	4		4	5	5		6	4	28	28
75	ZK60025	4		4	5		4	4	4	25	25
76	ZK60026	4		4	5		4	5	4	26	26
77	ZK60027	4		4	5		4	4	4	25	27
78	ZK60028	4	5			5	5	7	4	31	31
79	ZK60029	3	3			3	4	5	4	30	30
80	ZK60030	4	5		5		5	7	4	30	28
81	ZK60031	5		5	5		5	6	5	32	34
82	ZK60032	5		5	4	5		9	4	34	35
83	ZK60033	5		5	5	5		8	5	33	33
84	ZK60034		4	4	5	4		4	4	25	25
85	ZK60035		4	5	5		5	7	4	30	32
86	ZK60036		4	5	5		5	7	4	34	34
87	ZK60037	4		5	5		5	6	4	29	32

88	ZK60038	5		5		4	5	9	4	34	31
89	ZK60039	5		5		5	5	8	5	33	34
90	ZK60040	5		5		5	5	8	5	33	35
91	ZK60041	5	5		4		4	9	3	34	32
92	ZK60042	4	4		5		5	6	4	28	30
93	ZK60043	4	4		5	4		4	4	25	25
94	ZK60044	5	5		5	5		8	5	33	22
95	ZK60045	4		4	5	4		4	4	25	30
96	ZK60046	4		4	5		4	4	4	25	22
97	ZK60047		4	5		5	5	7	4	31	27
98	ZK60048		4	4		5	4	4	4	25	17
99	ZK60049		5	5	4		4	9	3	35	37
100	ZK60050	4		4	5		5	6	4	28	34
101	ZK60051	5		3	5	4		6	5	34	36
102	ZK60052	4		4	5	4		4	4	25	32
103	ZK60053		4	4	5		5	6	4	34	25
104	ZK60054		4	4	4		3	5	2	32	32
105	ZK60055	4		4		5	4	5	4	26	35
106	ZK60056	4	4			5	4	4	4	25	33
107	ZK60057	4	4			5	4	5	4	26	31
108	ZK60058	4	4		5		4	5	4	26	33
109	ZK60059	4	4		5	4		4	4	25	34
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111	ZK60061	4		4	5	5		6	4	28	32
112	ZK60062		5	5	4	5		9	4	34	29
113	ZK60063		5	5	4		5	9	4	34	37
114	ZK60064		4	4	5		4	4	4	25	20
115	ZK60065	4		4	5		5	6	4	28	32
116	ZK60066	4		4		5	4	4	4	25	33
117	ZK60067		4	5		5	5	7	4	30	34
118	ZK60068		4	5		5	5	7	4	30	32
119	ZK60069		4	4		5	5	6	4	28	30
120	ZK60070	4		4	5		4	4	4	25	35
121	ZK60071	4		4	5	4		5	4	26	36
122	ZK60072	5	5		5	5		8	5	33	33

123	ZK60073	4	4		5		4	4	4	25	25
124	ZK60074	4	4		5		5	6	4	34	30
125	ZK60075	4	4			5	4	4	4	25	29
126	ZK60076	4		5		5	5	7	4	30	37
127	ZK60077	4		4		5	4	4	4	25	32
128	ZK60078		5	5	5		5	6	5	34	26
129	ZK60079		4	4	5	5		6	4	28	30
130	ZK60080		4	4	5	5		6	4	28	35
131	ZK60081		4	4	4	5		5	4	34	32
132	ZK60082	4		4	5		5	6	4	28	37
133	ZK60083	4		5	5		5	7	4	30	30
134	ZK60084	4	5			5	5	7	4	30	28
135	ZK60085	4	4			5	5	6	4	28	37
136	ZK60086	4	4			5	5	6	4	28	24
137	ZK60087	4		4	5		4	5	4	26	37
138	ZK60088		4	4	5		5	6	4	31	30
139	ZK60089		4	5	5	5		7	4	30	34
140	ZK60090		4	4	5	4		4	4	25	33
141	ZK60091		4	4	5	4		4	4	25	31
142	ZK60092	4		5	5		5	7	4	30	32
143	ZK60093	4		5	5		5	6	4	29	21
144	ZK60094	4	4			5	5	6	4	28	33
145	ZK60095	4	5			5	5	7	4	30	30
146	ZK60096	4	5			5	5	7	4	30	36
147	ZK60097	5		5	4		4	9	3	34	32
148	ZK60098	4		5	5	5		7	4	30	34
149	ZK60099	4	4		5	4		5	4	26	36
150	ZK60100	4	4		5		4	5	4	26	36
151	ZK60101	4	4			5	4	5	4	26	30
152	ZK60102	4		4		5	4	4	4	25	36
153	ZK60103		5	5		5	5	8	5	33	36
154	ZK60104		4	4	5	4		4	4	25	34
155	ZK60105	4		4	5		4	4	4	25	33
<b>No. of Students Attempted</b>		<b>102</b>	<b>98</b>	<b>109</b>	<b>107</b>	<b>95</b>	<b>109</b>				<b>155</b>

<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>	101	96	107	106	94	107				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>										113
<b>% of students secured &gt;= Threshold marks</b>	99.02	97.96	98.17	99.07	98.95	98.17				72.9
<b>Attainment Level</b>	3	3	3	3	3	3				2
<b>Direct CO Attainment</b>	2.2	2.2	2.2	2.2	2.2	2.2				
<b>Indirect CO Attainment Level</b>	2.19	2.2	2.23	2.25	2.27	2.25				
<b>Total CO Attainment</b>	2.2	2.2	2.2	2.21	2.21	2.21				
<b>Average CO Attainment</b>										2.21

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	38	36	35	33	30	31
Level 2	50	52	50	50	53	55
Level 3	67	67	70	72	72	69
<b>Total no. of students participated</b>	155	155	155	155	155	155
<b>CO Attainment Level</b>	2.19	2.2	2.23	2.25	2.27	2.25

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		2		2	2	2	2	2	3	3	1	2
CO2	1	1	1		1	1				3	2	3
CO3	2		2	1	2	1	1	2	2			
CO4	2	3			2	3	1			3	1	3
CO5	2	1	2	2	1		2	3	3			2
CO6	3	1	3	2		1		1	3	2	3	2
<b>Average PO Attainment</b>	2	1.6	2	1.75	1.6	1.6	1.5	2	2.75	2.75	1.75	2.4

PO's Attainment at Course Level	1.47	1.18	1.47	1.29	1.18	1.18	1.11	1.47	2.03	2.03	1.29	1.77
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Computation of CO Direct Attainment											
Course : ELE2											
Class: BBA III Yr. V Sem.    A.Y. 2020-21    Course Code: XXXXI											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	seat no.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
		CO1	CO2	CO3	CO4	CO5	CO6				
1	ZK59951	4		4	5	4		4	4	25	29
2	ZK59952	4	5		5		5	6	5	30	29
3	ZK59953	4	4		5		5	8	5	31	25
4	ZK59954	5	4			5	5	8	5	32	23
5	ZK59955	5		5		4	4	9	5	32	38
6	ZK59956	5		4		5	3	8	3	28	30
7	ZK59957		4	4	5		4	5	4	26	17
8	ZK59958		4	5	5		5	6	5	30	25
9	ZK59959	5		5	5	5		9	5	34	25
10	ZK59960	5		5	4	5		9	5	33	38
11	ZK59961	5	4		5	3		8	3	28	27
12	ZK59962	4	4		5		4	5	4	26	31
13	ZK59963	4	4		5		4	4	4	25	27
14	ZK59964	4		5		5	5	6	5	30	28
15	ZK59965		4	4		5	4	4	4	25	26
16	ZK59966		5	4		5	3	8	3	28	33
17	ZK59967	5		5	5		5	8	5	33	31
18	ZK59968	4		5	4	5		9	4	31	24
19	ZK59969	4	5		4	5		9	4	31	27
20	ZK59970	5	5		5	5		9	5	34	24
21	ZK59971	4	5		5		5	6	5	30	31
22	ZK59972	5		4	5		3	8	3	28	33

23	ZK59973	5		4		5	3	8	3	28	20
24	ZK59974		5	4		5	3	8	3	28	29
25	ZK59975		5	4		5	3	8	3	28	23
26	ZK59976	5		4	5		3	8	3	28	36
27	ZK59977	4		5	5		5	6	5	30	33
28	ZK59978	4	5		5	5		6	5	30	18
29	ZK59979	5	5		5	5		9	5	34	37
30	ZK59980	4	5		5	5		6	5	30	17
31	ZK59981	4		4	5		4	4	4	25	34
32	ZK59982	5		4	5		5	8	5	32	23
33	ZK59983		4	4		5	5	6	4	27	34
34	ZK59984		4	5		5	5	6	5	30	39
35	ZK59985		5	5		4	4	9	3	33	28
36	ZK59986	4		5		5	5	6	5	30	29
37	ZK59987	5		4	5		3	8	3	28	20
38	ZK59988	5		4	5		3	8	3	28	36
39	ZK59989	5	5		5	5		9	5	34	39
40	ZK59990	5	5		5	5		6	5	20	33
41	ZK59991	4	5		5	5		6	5	30	24
42	ZK59992	4	5		5		5	6	5	30	24
43	ZK59993	5		4	5		5	8	5	32	31
44	ZK59994	4		5		4	5	9	4	31	38
45	ZK59995		4	4		5	4	5	4	26	33
46	ZK59996		4	5		4	5	9	4	31	32
47	ZK59997		4	5		5	5	6	5	30	36
48	ZK59998	5		5	5		5	9	5	34	34
49	ZK59999	5		5	5		5	9	5	34	33
50	ZK60000	5	4		5	5		8	5	32	37
51	ZK60001	4	4		5	4		4	4	25	30
52	ZK60002	5	4		5	5		8	5	32	32
53	ZK60003	4	5		5	5		6	5	30	25
54	ZK60004	5		4	5		3	8	3	28	27
55	ZK60005	5		4	5		5	8	5	32	36
56	ZK60006	4		4		5	4	5	4	26	30
57	ZK60007		4	5		5	5	6	5	30	34

58	ZK60008		5	4	5		3	8	3	28	33
59	ZK60009		5	4	5	3		8	3	28	20
60	ZK60010		4	4	5	4		5	4	26	35
61	ZK60011	4		5	5	5		6	5	30	30
62	ZK60012	5		4	5		3	8	3	28	24
63	ZK60013	5	4			5	3	8	3	28	31
64	ZK60014	5	4			5	5	8	5	32	27
65	ZK60015	4	4			5	4	4	4	25	34
66	ZK60016	4	4		5		4	5	4	26	26
67	ZK60017	5		5	4		5	9	5	33	27
68	ZK60018	5		4	5	3		8	3	28	36
69	ZK60019		5	4	5	3		8	3	26	26
70	ZK60020		5	4	5	3		8	3	28	27
71	ZK60021		5	5	4		4	9	3	24	36
72	ZK60022		5	4		5	3	8	3	28	28
73	ZK60023	5		5		5	5	9	5	34	33
74	ZK60024	5		4	5		3	8	3	28	26
75	ZK60025	5	4		5	3		8	3	28	19
76	ZK60026	4	4		5	4		5	4	26	34
77	ZK60027	5		4	5	3		8	3	28	36
78	ZK60028		5	4	5		3	8	3	28	32
79	ZK60029		4	5	5		5	6	5	30	36
80	ZK60030	4		5	5		5	6	5	30	22
81	ZK60031	4		5		4	5	9	4	31	34
82	ZK60032	5	4			5	5	8	5	32	30
83	ZK60033	5	4			5	3	8	3	28	28
84	ZK60034	5	4		5		5	8	5	32	21
85	ZK60035	5		4	5	5		8	5	32	29
86	ZK60036	5		4	5	3		8	3	28	30
87	ZK60037		5	4	5	3		8	3	28	31
88	ZK60038		4	5	5		5	6	5	30	22
89	ZK60039		5	5		4	5	9	5	33	35
90	ZK60040	5		5		4	5	9	5	33	36
91	ZK60041	5		5	4		5	9	5	33	31
92	ZK60042	5	4		5	3		8	3	28	34

93	ZK60043	5		4	5	3		8	3	28	20
94	ZK60044		5	4	5	3		8	3	28	31
95	ZK60045		4	4	5		4	4	4	25	20
96	ZK60046	5		4		5	3	8	3	28	18
97	ZK60047	4		5		5	5	6	5	30	26
98	ZK60048	5	4		5		3	8	3	28	18
99	ZK60049	5	5		4	5		9	5	33	33
100	ZK60050	5		4	5	3		8	3	28	28
101	ZK60051	5		5	5	5		9	5	34	39
102	ZK60052	4		4	5		4	4	4	25	38
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106	ZK60056	5	4			5	3	8	3	28	32
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108	ZK60058	5	4		5	3		8	3	28	38
109	ZK60059	5	4		5	3		8	3	28	26
110	ZK60060	4		4	5	4		5	4	26	27
111	ZK60061		5	4	5		3	8	3	28	27
112	ZK60062		4	5		4	5	9	4	31	36
113	ZK60063		5	5		5	5	9	5	34	39
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115	ZK60065	5		4		5	3	8	3	28	34
116	ZK60066	5	4		5		3	8	3	28	26
117	ZK60067	5	4		5	3		8	3	28	37
118	ZK60068	5	4		5	3		8	3	28	33
119	ZK60069	5		4	5	3		8	3	28	22
120	ZK60070	4		5	5		5	6	5	30	33
121	ZK60071		4	4		5	4	5	4	26	34
122	ZK60072		5	5		4	5	9	5	33	30
123	ZK60073		5	4		5	3	8	3	28	21
124	ZK60074	4		5	5		5	6	5	30	27
125	ZK60075	5		4	5	3		8	3	28	31
126	ZK60076	5	4		5	3		8	3	28	37
127	ZK60077	5	4		5		3	8	3	28	34



128	ZK60078	5	5		4		5	9	5	33	35
129	ZK60079	4		4		5	4	5	4	26	32
130	ZK60080	4		4		5	4	5	4	26	38
131	ZK60081		4	4		5	4	4	4	25	36
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133	ZK60083		5	4	5		3	8	3	28	35
134	ZK60084		5	4	5	3		8	3	28	33
135	ZK60085	5		4	5	3		8	3	28	34
136	ZK60086	5		4	5		3	8	3	28	24
137	ZK60087	4	4		5		4	5	4	26	37
138	ZK60088	5	4			5	3	8	3	28	30
139	ZK60089	4	4			5	4	4	4	25	29
140	ZK60090	5	4			5	3	8	3	28	22
141	ZK60091	5		4	5		3	8	3	28	28
142	ZK60092		4	5	5		5	6	5	30	34
143	ZK60093		4	5	5	5		6	5	30	25
144	ZK60094		4	5	5	5		6	5	30	28
145	ZK60095	4		5	5	5		6	5	30	26
146	ZK60096	4		5	5		5	6	5	30	37
147	ZK60097	5	5			5	5	9	5	34	36
148	ZK60098	5	4			5	5	8	5	32	27
149	ZK60099	5	4		5		3	8	3	28	36
150	ZK60100	4		4	5	4		5	4	26	34
151	ZK60101		4	4	5		4	5	4	26	26
152	ZK60102		5	4	5		3	8	3	28	36
153	ZK60103	5		4		5	3	8	3	28	38
154	ZK60104	4	5			5	5	6	5	30	38
155	ZK60105	4	4		5		4	4	4	25	28
<b>No. of Students Attempted</b>		<b>111</b>	<b>95</b>	<b>104</b>	<b>104</b>	<b>100</b>	<b>106</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>111</b>	<b>95</b>	<b>104</b>	<b>104</b>	<b>78</b>	<b>70</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>78</b>	<b>66.04</b>				<b>72.9</b>

Attainment Level	3	3	3	3	2	2				2
Direct CO Attainment	91	91	91	91	90.8	90.8				
Indirect CO Attainment Level	2.16	2.19	2.19	2.23	2.26	2.19				
Total CO Attainment	82.12	82.12	82.12	82.12	81.95	81.94				
Average CO Attainment										82.06

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	41	38	40	35	32	35
Level 2	48	50	45	50	51	55
Level 3	66	67	70	70	72	65
Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.16	2.19	2.19	2.23	2.26	2.19

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		2	1	2	2	2	2	2	1	3	1	2
CO2	1	1	1		1	1				3	2	3
CO3	2		2	1		1	1	2	2			
CO4		2		1	2		1			1	3	
CO5	2	1	2	2	1		2		3			2
CO6	3	1	3	2		1		1	3	2	3	2
Average PO Attainment	2	1.4	1.8	1.6	1.5	1.25	1.5	1.67	2.25	2.25	2.25	2.25
PO's Attainment at Course Level	1.43	1	1.28	1.14	1.07	0.89	1.07	1.19	1.61	1.61	1.61	1.61

Computation of CO Direct Attainment		
Course : FW&D		
Class: BBA III Yr. V Sem.      A.Y. 2020-21      Couse Code: XXXXI		

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Semi nar	Assign ment	To tal	Marks
	seat no.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZK59951	3		3	3	4		5	4	22	30
2	ZK59952		3	3		4	3	5	4	22	30
3	ZK59953		3	4	3	4		5	4	23	32
4	ZK59954	4		4	5		4	8	5	30	32
5	ZK59955	4		4	5		5	9	5	32	35
6	ZK59956	5	4			5	3	8	3	20	30
7	ZK59957		3	3		3	4	5	4	22	30
8	ZK59958	4	4			5	4	8	5	30	30
9	ZK59959	4	4		5		5	9	5	32	35
10	ZK59960	4		4	5		4	8	5	30	32
11	ZK59961		3	4	4	4		5	4	24	30
12	ZK59962	4	3			4	3	5	4	23	30
13	ZK59963		3	3	3	4		5	4	22	28
14	ZK59964	4		4	5		3	7	5	28	30
15	ZK59965	4	4		5		3	7	5	28	34
16	ZK59966	4	4			5	3	5	4	25	28
17	ZK59967	4	4			5	4	8	5	30	32
18	ZK59968	4		4	5		4	8	5	30	32
19	ZK59969		4	4	5		4	8	5	30	32
20	ZK59970	4	4		5	5		9	5	32	34
21	ZK59971		4	4		3	5	5	5	26	30
22	ZK59972	3		3	3	4		5	4	22	28
23	ZK59973	3		4	4	4		5	4	24	30
24	ZK59974	3	3		3		4	5	4	22	30
25	ZK59975	3	3		3		4	5	4	22	30
26	ZK59976	3	4			4	4	5	4	24	30
27	ZK59977	4		4		5	3	7	5	28	33
28	ZK59978	4		4		5	3	7	5	28	34
29	ZK59979		5	5	5		4	9	4	32	35
30	ZK59980		3	4	4		4	5	4	24	28

31	ZK59981		3	3	3		4	5	4	22	28
32	ZK59982	4		4	5	3		6	5	29	32
33	ZK59983	4	4		5	3		7	5	28	28
34	ZK59984	4	4		5	4		8	5	30	32
35	ZK59985	4		4	5	5		9	5	32	35
36	ZK59986	4		4	5	4		8	5	30	35
37	ZK59987		4	4	5		3	7	5	28	32
38	ZK59988		4	4	5		4	8	5	30	30
39	ZK59989		4	4	5		5	9	5	32	35
40	ZK59990	4		4		5	3	7	5	28	30
41	ZK59991	4	4			5	3	5	4	25	28
42	ZK59992	4	4			5	3	7	5	28	30
43	ZK59993	4	4		5		4	8	5	30	34
44	ZK59994	4		4	5	4		8	5	30	32
45	ZK59995	4		4	5	3		5	5	26	30
46	ZK59996		4	4	5	4		8	5	30	32
47	ZK59997		4	4	5		4	8	5	30	32
48	ZK59998	4		4	5		5	9	5	32	35
49	ZK59999	4		4		5	5	9	5	32	35
50	ZK60000	4		4		5	4	8	5	30	32
51	ZK60001	3	3			3	4	5	4	22	28
52	ZK60002	4	4			5	4	8	5	30	33
53	ZK60003	4	4		5		3	7	5	28	30
54	ZK60004	3		3	3	4		5	4	22	28
55	ZK60005	4		4	5	4		8	5	30	34
56	ZK60006		4	4	5		3	5	5	26	28
57	ZK60007		4	4		5	3	7	5	28	30
58	ZK60008		4	4		5	3	5	5	26	30
59	ZK60009	4		4	5		3	5	5	26	28
60	ZK60010	4		4	5		3	5	4	25	28
61	ZK60011	4	4		5		3	7	5	28	30
62	ZK60012	4	4		5	3		5	5	26	28
63	ZK60013	4	4		5		3	5	5	26	28
64	ZK60014	4		4		5	4	8	5	30	34
65	ZK60015	4		4		5	3	5	4	25	25

66	ZK60016		3	3		3	4	5	4	22	28
67	ZK60017		4	4		5	3	7	5	28	33
68	ZK60018		4	4	5		3	5	4	25	28
69	ZK60019	3		3	3	4		5	4	22	32
70	ZK60020	4	4		5	3		5	5	26	28
71	ZK60021	5	5		4	4		9	5	32	35
72	ZK60022	4	4		5		3	5	4	25	30
73	ZK60023	4		4	5		5	9	5	32	35
74	ZK60024	4		4		5	3	5	4	25	30
75	ZK60025		3	3		3	4	5	4	22	28
76	ZK60026		3	3		3	4	5	5	22	28
77	ZK60027		4	4		5	3	5	4	25	28
78	ZK60028	4		4	5		3	5	5	26	30
79	ZK60029	4		4	5		3	5	4	25	30
80	ZK60030	4	4		5	3		5	4	25	30
81	ZK60031	4	4		5	3		7	5	28	32
82	ZK60032	4	4		5	4		8	5	30	34
83	ZK60033	4		4	5		3	5	4	25	28
84	ZK60034	4		4		5	3	5	4	25	28
85	ZK60035		4	4		5	4	8	5	30	34
86	ZK60036		4	4	5		4	8	5	30	32
87	ZK60037		4	4	5		3	5	4	25	28
88	ZK60038		4	4	5	4		8	5	30	34
89	ZK60039	4		4	5	4		8	5	30	34
90	ZK60040	4		4	5	4		8	5	30	34
91	ZK60041	4	4		5		5	9	5	32	35
92	ZK60042	4	4			5	3	5	4	25	28
93	ZK60043	3	3			3	4	5	5	22	28
94	ZK60044	4		4		5	4	8	5	30	34
95	ZK60045	3		3	3		4	5	4	22	28
96	ZK60046		3	3	3	4		5	4	22	28
97	ZK60047		5	5	5	5		9	5	34	34
98	ZK60048		4	4	5	3		5	4	25	30
99	ZK60049	4		4	5		5	9	5	32	35
100	ZK60050	3		3		3	4	5	4	22	28

101	ZK60051	4	4			5	4	8	5	30	34
102	ZK60052	4	4		5		3	5	4	25	32
103	ZK60053	4	4		5		3	5	4	25	28
104	ZK60054	4		4	5	3		7	5	28	32
105	ZK60055	3		3	3	4		5	4	22	28
106	ZK60056		4	4	5	3		5	4	25	28
107	ZK60057		3	3	3		4	5	4	22	28
108	ZK60058		4	4	5		3	5	4	25	28
109	ZK60059	4		4		5	3	5	4	25	28
110	ZK60060	4		4		5	3	5	4	25	28
111	ZK60061	4	4		5		3	7	5	28	28
112	ZK60062	4	4		5		4	8	5	30	34
113	ZK60063	4	4		5	5		9	5	32	35
114	ZK60064	3	3		3	4		5	4	22	28
115	ZK60065	4		4	5		3	5	4	25	28
116	ZK60066	4		4		5	3	5	4	25	28
117	ZK60067		4	4		5	3	5	4	25	28
118	ZK60068		4	4		5	3	5	4	25	28
119	ZK60069		4	4	5		3	5	4	25	30
120	ZK60070	4		4	5		3	5	5	26	32
121	ZK60071	3		3	3	4		5	4	22	28
122	ZK60072	4		4	5	3		5	4	25	35
123	ZK60073	4	4		5	3		5	4	25	30
124	ZK60074	4	4		5		3	5	4	25	30
125	ZK60075	3	3		3		4	5	4	22	30
126	ZK60076	4		4		5	3	5	4	25	32
127	ZK60077		3	3		3	4	5	4	22	28
128	ZK60078		4	4		5	3	7	5	28	32
129	ZK60079		4	4	5		3	5	5	26	30
130	ZK60080	4		4	5	3		5	5	26	30
131	ZK60081	4		4	5	3		5	5	26	30
132	ZK60082	4	4		5	3		5	5	26	30
133	ZK60083	4	4		5		3	5	5	26	33
134	ZK60084	4	4		5		3	5	4	25	28
135	ZK60085	3	3			3	4	5	4	22	28

136	ZK60086	4		4		5	3	5	4	25	30
137	ZK60087	3		3		3	4	5	4	22	28
138	ZK60088		3	3	3		4	5	4	22	28
139	ZK60089		3	3	3	4		5	4	22	28
140	ZK60090		4	4	5	3		5	4	25	28
141	ZK60091	3		3	3	4		5	4	22	28
142	ZK60092	4		4	5	3		7	5	28	34
143	ZK60093	4		4	5		3	7	5	26	25
144	ZK60094	4	4		5		3	7	5	28	28
145	ZK60095	4	4			5	3	5	5	26	28
146	ZK60096	4	4			5	3	5	5	26	30
147	ZK60097	4		4		5	4	8	5	30	34
148	ZK60098	4		4	5		3	7	5	28	32
149	ZK60099	4		4	5		3	5	4	25	28
150	ZK60100		4	4	5	3		5	4	25	28
151	ZK60101		3	3	4	4		5	4	23	30
152	ZK60102	3		3	3		4	5	4	22	30
153	ZK60103	4		4		5	3	5	4	25	28
154	ZK60104	4	4			5	3	5	5	26	28
155	ZK60105	4	4		5		3	5	4	25	30
<b>No. of Students Attempted</b>		<b>110</b>	<b>95</b>	<b>105</b>	<b>104</b>	<b>98</b>	<b>108</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>90</b>	<b>71</b>	<b>81</b>	<b>84</b>	<b>69</b>	<b>48</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>81.82</b>	<b>74.74</b>	<b>77.14</b>	<b>80.77</b>	<b>70.41</b>	<b>44.44</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2.2</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2</b>	<b>1.8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.17</b>	<b>2.2</b>	<b>2.18</b>	<b>2.2</b>	<b>2.27</b>	<b>2.19</b>				
<b>Total CO Attainment</b>		<b>2.2</b>	<b>2.02</b>	<b>2.02</b>	<b>2.2</b>	<b>2.03</b>	<b>1.84</b>				
<b>Average CO Attainment</b>											<b>2.05</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6





1	ZK59951	3		3		2	4	4	4	20	26
2	ZK59952		2	4		3	4	6	3	22	36
3	ZK59953		2	4	3		4	6	3	22	25
4	ZK59954		5	4	5		4	6	4	28	24
5	ZK59955	5		4	5	4		7	5	30	31
6	ZK59956	3		3		4	2	4	4	20	30
7	ZK59957	3	3		2	4		4	4	20	22
8	ZK59958		4	5	5	4		6	4	28	28
9	ZK59959	5	4		5		4	6	4	28	33
10	ZK59960	4	4			5	4	7	4	28	30
11	ZK59961	3		3	4	2		4	4	20	28
12	ZK59962	3		3		2	4	4	4	20	33
13	ZK59963		2	4	3		4	6	3	22	1729
14	ZK59964	3	3		2		4	4	4	20	32
15	ZK59965		5	4	5	4		6	4	28	32
16	ZK59966	5		4	5	3		8		22	34
17	ZK59967	5		4	5	4		6	4	28	29
18	ZK59968	5	4		5		4	6	4	28	23
19	ZK59969	5	4		5		4	6	4	28	27
20	ZK59970		4	5		5	4	7	5	30	26
21	ZK59971	4	4			5	3	5	4	25	31
22	ZK59972	3		3		2	4	4	4	20	33
23	ZK59973	2		4	3		4	6	3	22	21
24	ZK59974		2	4	3	4		6	3	22	33
25	ZK59975		2	4		4	3	6	3	22	22
26	ZK59976		2	4	3	4		6	3	22	33
27	ZK59977		5	4	5		4	6	4	28	22
28	ZK59978	4		4		5	3	5	4	25	27
29	ZK59979	5		4		5	4	7	5	30	38
30	ZK59980	5	4		5		4	7	5	30	19
31	ZK59981	2	4		3	4		6	3	22	29
32	ZK59982	3	3			4	2	4	4	20	31
33	ZK59983	5		4	5	4		6	4	28	25
34	ZK59984	4		5	5		5	6		26	34
35	ZK59985		5	4	5		4	6	4	28	29

36	ZK59986		5	4	5		4	6	4	28	33
37	ZK59987		4	4		5	3	5	4	25	26
38	ZK59988		5	4	4	5		6	4	28	33
39	ZK59989	5		5		5	5	9		32	37
40	ZK59990	5		4	5		4	6	4	28	30
41	ZK59991	2	4		3	4		6	3	22	31
42	ZK59992	2	4		3	4		6	3	22	30
43	ZK59993		4	5	5		4	6	4	28	30
44	ZK59994	5	4			5	4	6	4	28	23
45	ZK59995	4		4		5	3	5	4	25	28
46	ZK59996	5		4		5	4	6	4	28	27
47	ZK59997		5	4	5		4	6	4	28	22
48	ZK59998		5	4	5	4		7	5	30	36
49	ZK59999	5		5		5	5	7	5	32	26
50	ZK60000	5		4	5	4		6	4	28	26
51	ZK60001	3	3		2		4	4	4	20	24
52	ZK60002		4	5	5		5	8		26	29
53	ZK60003	4	5			5	5	6		26	19
54	ZK60004	5		4	3	5		8		20	31
55	ZK60005		5	4		5	4	6	4	28	34
56	ZK60006		3	3	2		4	4	4	20	29
57	ZK60007		4	4	5	3		5	4	25	29
58	ZK60008	3		3	2	4		4	4	20	29
59	ZK60009	3		3	2	4		4	4	20	19
60	ZK60010	2	4		3		4	6	3	22	35
61	ZK60011	2	4		3		4	6	3	22	32
62	ZK60012	2	4			3	4	6	3	22	18
63	ZK60013	2		4		3	4	6	3	22	32
64	ZK60014	5		4		5	4	6	4	28	23
65	ZK60015		4	4	5		3	5	4	25	24
66	ZK60016		3	3	2		4	4	4	20	27
67	ZK60017		5	5	4	5		9	0	28	36
68	ZK60018	3		3	2	4		4	4	20	37
69	ZK60019	3		3	2	4		4	4	20	25
70	ZK60020	2	4		3		4	6	3	22	30

71	ZK60021	5	5		4		4	9	3	30	35	
72	ZK60022	2	4				3	4	6	3	22	23
73	ZK60023	5		4			5	4	7	5	30	34
74	ZK60024	3		3			2	4	4	4	20	22
75	ZK60025		3	3			2	4	4	4	20	29
76	ZK60026		3	3	2			4	4	4	20	29
77	ZK60027		2	4	3			4	6	3	22	16
78	ZK60028		2	4	3	4			6	3	22	32
79	ZK60029	2		4	3	4			6	3	22	35
80	ZK60030	2		4	3	4			6	3	22	22
81	ZK60031	5		4	5			4	6	4	28	33
82	ZK60032	5	4		5			4	6	4	28	31
83	ZK60033	2	4				3	4	6	3	22	32
84	ZK60034	2	4				3	4	6	3	22	26
85	ZK60035	5		4			5	4	6	4	28	16
86	ZK60036		4	4	5	3			5	4	25	28
87	ZK60037		2	4	3	4			6	3	22	34
88	ZK60038		5	4	5			4	6	4	28	29
89	ZK60039		5	4			5	4	6	4	28	29
90	ZK60040		5	4	5			4	6	4	28	36
91	ZK60041		5	4	5			4	7	5	30	31
92	ZK60042	4		4	5	3			5	4	25	32
93	ZK60043	2		4	3	4			6	3	22	27
94	ZK60044	5		4	5	4			6	4	28	29
95	ZK60045	2		4	3			4	6	3	22	28
96	ZK60046	3		3	2			4	4	4	20	20
97	ZK60047	4	4				5	3	5	4	25	33
98	ZK60048	4	4		3	5			5	4	25	23
99	ZK60049	5	4				5	4	7	5	30	35
100	ZK60050	3	3		2			4	4	4	20	33
101	ZK60051	5		4	5			4	6	4	28	36
102	ZK60052	2		4	3	4			6	3	22	23
103	ZK60053		2	4	3	4			6	3	22	22
104	ZK60054		4	4	5	3			5	4	25	31
105	ZK60055		4	4	5			3	5	4	25	29

106	ZK60056	2		4	3		4	6	3	22	35
107	ZK60057	2		4	3		4	6	3	22	26
108	ZK60058	4	4			5	3	5	4	25	35
109	ZK60059	2	4		4	3		6	3	22	30
110	ZK60060		4	2		3	4	6	3	22	29
111	ZK60061	2	4		3		4	6	3	22	33
112	ZK60062	5		4	5	4		6	4	28	33
113	ZK60063	5		5	5	5		10	2	32	31
114	ZK60064		2	4	3	4		6	3	22	20
115	ZK60065		2	4	3		4	6	3	22	21
116	ZK60066		2	4		3	4	6	3	22	33
117	ZK60067		4	4		5	3	5	4	25	39
118	ZK60068	4		4		5	3	5	4	25	34
119	ZK60069	5		4	5		2	6	0	22	25
120	ZK60070	4		4	5	3		5	4	25	31
121	ZK60071	4	3		5	4		5	3	24	29
122	ZK60072	5	4		5	4		7	5	30	30
123	ZK60073	2	4		3		4	6	3	22	32
124	ZK60074	2		4		3	4	6	3	22	32
125	ZK60075		2	4		3	4	6	3	22	30
126	ZK60076		5	4		5	3	7	2	26	30
127	ZK60077		2	4	3		4	6	3	22	29
128	ZK60078	4		4	5		3	5	4	25	32
129	ZK60079	2		4	3	4		6	3	22	26
130	ZK60080	2		4	3	4		6	3	22	33
131	ZK60081	2	4		3	4		6	3	22	32
132	ZK60082	4	4		5		3	5	4	25	37
133	ZK60083	4		4	5		3	5	4	25	35
134	ZK60084	2		4		3	4	6	3	22	27
135	ZK60085		2	4		3	4	6	3	22	287
136	ZK60086		4	4		5	3	5	4	25	28
137	ZK60087		2	4		3	4	6	3	22	28
138	ZK60088	2		4	3		4	6	3	22	34
139	ZK60089	2		4	3	4		6	3	22	27
140	ZK60090	5	4		5	3		8	-	25	29

141	ZK60091	2	4		3	4		6	3	22	29
142	ZK60092	4	5		5		5	7	-	26	36
143	ZK60093	4		4		5	3	5	4	25	22
144	ZK60094		4	4		5	3	5	4	25	33
145	ZK60095		4	4		5	3	5	4	25	25
146	ZK60096		3	3	2		4	4	4	20	34
147	ZK60097	5		4	5		4	6	4	28	33
148	ZK60098	5		4	5	4		6	4	28	32
149	ZK60099	2	4		3	4		6	3	22	28
150	ZK60100	3	3		2	4		4	4	20	29
151	ZK60101	4		4	5		3	5	4	25	23
152	ZK60102		3	3		2	4	4	4	20	35
153	ZK60103	4	2			3	4	6	3	22	36
154	ZK60104		2	4		3	4	6	3	22	39
155	ZK60105	4		4	5		3	5	4	25	25
<b>No. of Students Attempted</b>		<b>101</b>	<b>96</b>	<b>113</b>	<b>104</b>	<b>102</b>	<b>104</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>53</b>	<b>64</b>	<b>95</b>	<b>54</b>	<b>72</b>	<b>80</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>52.48</b>	<b>66.67</b>	<b>84.07</b>	<b>51.92</b>	<b>70.59</b>	<b>76.92</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1.8</b>	<b>2</b>	<b>2.2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.21</b>	<b>2.19</b>	<b>2.17</b>	<b>2.21</b>	<b>2.23</b>	<b>2.2</b>				
<b>Total CO Attainment</b>		<b>1.84</b>	<b>2.02</b>	<b>2.2</b>	<b>1.84</b>	<b>2.02</b>	<b>2.02</b>				
<b>Average CO Attainment</b>											<b>1.99</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>35</b>	<b>38</b>	<b>42</b>	<b>36</b>	<b>34</b>	<b>36</b>
<b>Level 2</b>	<b>53</b>	<b>50</b>	<b>45</b>	<b>51</b>	<b>51</b>	<b>55</b>
<b>Level 3</b>	<b>67</b>	<b>67</b>	<b>68</b>	<b>68</b>	<b>70</b>	<b>65</b>

Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.21	2.19	2.17	2.21	2.23	2.2

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		2	1	2	2	2	2	2	1	3	1	
CO2	1	3	1		3	2						3
CO3	3		2	2		1	3			1		
CO4		2		1	2		1	3	3	1	3	
CO5	2	1	3	2	1		2		3			2
CO6	3	1	3	2		1		1	3	2	3	2
Average PO Attainment	2.25	1.8	2	1.8	2	1.5	2	2	2.5	1.75	2.33	2.33
PO's Attainment at Course Level	1.49	1.19	1.33	1.19	1.33	1	1.33	1.33	1.66	1.16	1.55	1.55

Computation of CO Direct Attainment													
Course : SEC1													
Class: BBA III Yr. V Sem.      A.Y. 2020-21      Course Code: XXXXI													
Internal Assessment											External Assessment		
Sr. No.				Test-I (10)			Test-II (10)			Seminar	Assignment	Total	Marks
	seat no.			Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
				CO1	CO2	CO3	CO4	CO5	CO6				
1	ZK59951			3		3	2		5	4	3	20	19
2	ZK59952				4	4		5	0	5	3	21	21
3	ZK59953				4	4		3	4	7	0	22	16
4	ZK59954			5		4	5		4	6	3	23	16

5	ZK59955	5	4		0		4	6	5	24	25
6	ZK59956	3	3		2	5		4	3	20	20
7	ZK59957	4	4		5	0		5	3	21	16
8	ZK59958	5	3		5	4		0	5	22	25
9	ZK59959	5		0	5	4		4	4	23	25
10	ZK59960		3	3	2		5	4	3	20	16
11	ZK59961		4	4		5	0	5	3	21	20
12	ZK59962		4	4		5	0	5	3	21	17
13	ZK59963	0		4		5	5	6	2	22	16
14	ZK59964	3		3	2		5	4	3	20	16
15	ZK59965	3	3		2	5		4	3	20	19
16	ZK59966	4	4		5	0		5	3	21	20
17	ZK59967	4	4		5	0		5	3	21	25
18	ZK59968	5	4		5	4		3	3	22	19
19	ZK59969	3		3	2		5	4	3	20	25
20	ZK59970		5	4		3	4	5	3	24	25
21	ZK59971		5	4		0	3	5	5	22	20
22	ZK59972		3	3		2	5	4	3	20	16
23	ZK59973	3		3	2		5	4	3	20	16
24	ZK59974	3		3	2		5	4	3	20	16
25	ZK59975	3	3		2	5		4	3	20	21
26	ZK59976	3	3		2	5		4	3	20	21
27	ZK59977	4	4		5	0		5	3	21	25
28	ZK59978	5		4	5		4	3	3	22	25
29	ZK59979		5	4		5	4	6	0	24	25
30	ZK59980		3	3		2	5	4	3	20	19
31	ZK59981		3	3		2	5	4	3	20	16
32	ZK59982		3	3	2		5	4	3	20	20
33	ZK59983		3	3	2		5	4	3	20	25
34	ZK59984	4		4	5		0	5	3	21	25
35	ZK59985	5		4	0	4		6	5	24	25
36	ZK59986	4	4		5	0		5	3	21	25
37	ZK59987	4	4		5	0		5	3	21	19
38	ZK59988	5	4		5		4	3	3	22	25
39	ZK59989	5		5		5	5	0	4	24	25

40	ZK59990	5		4		5	4	3	3	22	19
41	ZK59991		2	4		0	4	6	5	21	20
42	ZK59992		5	4	5		4	3	3	22	16
43	ZK59993		5	4	5		4	3	3	22	25
44	ZK59994	5		4	5	4		3	3	22	25
45	ZK59995	3		3	2	5		4	3	20	25
46	ZK59996	5	4		5	4		3	3	22	25
47	ZK59997	5	4		5	4		3	3	22	25
48	ZK59998	5	5		5		4	0	5	24	23
49	ZK59999	5		5	5		0	7	3	24	25
50	ZK60000	5		0		5	4	6	3	23	25
51	ZK60001	3		3		2	5	4	3	20	19
52	ZK60002		5	4		5	4	3	3	22	20
53	ZK60003		5	4		5	4	3	3	22	20
54	ZK60004		3	3	2		5	4	3	20	21
55	ZK60005	5		4	5	4		3	3	22	25
56	ZK60006	3	3		2	5		4	3	20	16
57	ZK60007	4	4		5	0		5	3	21	21
58	ZK60008	4	4		5	0		5	3	21	25
59	ZK60009	3		3	2	5		4	3	20	16
60	ZK60010	4		4	5		0	5	3	21	25
61	ZK60011		4	4	5		0	5	3	21	23
62	ZK60012		3	3		2	5	4	3	20	20
63	ZK60013		3	3		2	5	4	3	20	17
64	ZK60014	4		4		5	4	6	0	23	17
65	ZK60015	3		3		2	5	4	3	20	16
66	ZK60016	3	3		2		5	4	3	20	19
67	ZK60017	5	4		5		4	3	3	22	25
68	ZK60018	3	3		2	5		4	3	20	19
69	ZK60019	3		3	2	5		4	3	20	16
70	ZK60020	3		3	2	5		4	3	20	21
71	ZK60021		5	5	0	4		8	2	24	25
72	ZK60022		3	3	2		5	4	3	20	16
73	ZK60023		0	4	5		4	7	4	24	25
74	ZK60024	4		4	5		0	5	3	21	23



75	ZK60025	3		3		2	5	4	3	20	16
76	ZK60026	3		3		2	5	4	3	20	16
77	ZK60027	4	4			5	0	5	3	21	19
78	ZK60028	4	4			3	4	0	5	20	20
79	ZK60029	4	4		5		0	5	3	21	25
80	ZK60030	3		3	2		5	4	3	20	16
81	ZK60031	5		0	5	3		6	5	23	17
82	ZK60032	5		4	5	4		3	3	22	25
83	ZK60033		3	3	2	5		4	3	20	23
84	ZK60034		3	3	2	5		4	3	20	16
85	ZK60035		5	4	5		4	3	3	22	16
86	ZK60036	5		4	5		4	3	3	22	25
87	ZK60037	3		3		2	5	4	3	20	25
88	ZK60038	5		4		5	4	3	3	22	25
89	ZK60039	5	4			5	4	3	3	22	25
90	ZK60040	5	4			5	4	0	5	23	25
91	ZK60041	5	0		5		3	6	5	23	24
92	ZK60042	3		3	2		5	4	3	20	25
93	ZK60043		3	3	2		5	4	3	20	16
94	ZK60044		5	4	5	4		3	3	22	25
95	ZK60045		3	3	2	5		4	3	20	20
96	ZK60046		3	3	2	5		4	3	20	16
97	ZK60047		4	4	5		0	5	3	21	16
98	ZK60048	3		3	2		5	4	3	20	18
99	ZK60049	5		4		5	5	0	5	24	23
100	ZK60050	3	3			2	5	4	3	20	21
101	ZK60051	5	4			5	4	0	5	23	25
102	ZK60052	3	3			2	5	4	3	20	23
103	ZK60053	4		4		5	0	5	3	21	25
104	ZK60054	5		4	5		4	0	5	23	25
105	ZK60055		3	3	2		5	4	3	20	25
106	ZK60056		3	3	2	5		4	3	20	25
107	ZK60057		3	3	2	5		4	3	20	24
108	ZK60058		3	3	2	5		4	3	20	16
109	ZK60059	3		3	2	5		4	3	20	22

110	ZK60060	3		3	2		5	4	3	20	20
111	ZK60061	3		3	2		5	4	3	20	21
112	ZK60062	5	4		5		4	3	3	22	22
113	ZK60063	5	4			5	5	0	5	24	25
114	ZK60064	3	3			2	5	4	3	20	25
115	ZK60065	3		3		2	5	4	3	20	16
116	ZK60066		3	3	2		5	4	3	20	21
117	ZK60067		3	3	2		5	4	3	20	21
118	ZK60068		3	3	2		5	4	3	20	25
119	ZK60069		3	3	2	5		4	3	20	25
120	ZK60070	5		4	5	4		3	3	22	16
121	ZK60071	3		3	2	5		4	3	20	25
122	ZK60072	5	4		5		4	7		24	16
123	ZK60073	3	3		2		5	4	3	20	25
124	ZK60074	3	3			2	5	4	3	20	18
125	ZK60075	3		3		2	5	4	3	20	16
126	ZK60076		4	4		5	0	5	3	21	17
127	ZK60077		2	4		3	3	6	2	20	18
128	ZK60078		5	4		5	4	3	3	22	22
129	ZK60079	3		3	2		5	4	3	20	18
130	ZK60080	3		3	2		5	4	3	20	18
131	ZK60081	3	3		2	5		4	3	20	16
132	ZK60082	5	4		5	4		3	3	22	25
133	ZK60083	5	4		5	4		3	3	22	25
134	ZK60084	4	4		5	0		5	3	21	21
135	ZK60085	4		4	5		0	5	3	21	21
136	ZK60086	3		3	2		5	4	3	20	20
137	ZK60087		3	3	2		5	4	3	20	20
138	ZK60088		3	3		2	5	4	3	20	20
139	ZK60089		3	3		2	5	4	3	20	20
140	ZK60090	5		4		5	3	5	0	22	22
141	ZK60091	3		3	2		5	4	3	20	24
142	ZK60092	5	4		5		4	3	3	22	25
143	ZK60093	3	3		2		5	4	3	20	17
144	ZK60094	4	4		5	0		5	3	21	21



		2	1	2		2	2	1	1	3	1	2
CO1		2	1	2		2	2	1	1	3	1	2
CO2	1		1		3	2						3
CO3	1			2		1	1			1		
CO4		2		1	2		1	3	3	1	2	
CO5	2	1	3	2	1		2		1			2
CO6	3	1	3	2		1		1	3	2	3	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>1.5</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>1.5</b>	<b>1.5</b>	<b>1.67</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>1.13</b>	<b>0.97</b>	<b>1.29</b>	<b>1.16</b>	<b>1.29</b>	<b>0.97</b>	<b>0.97</b>	<b>1.07</b>	<b>1.29</b>	<b>1.13</b>	<b>1.29</b>	<b>1.45</b>

<b>Course : BT2</b>												
<b>Class: BBA III Yr. VI Sem.      A.Y. 2020-21      Course Code: XXXXI</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	seat no.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40	
		CO1	CO2	CO3	CO4	CO5	CO6					
1	ZK59501	3		3	2		5	4	5	22	31	
2	ZK59502	4		4	5	0		5	4	22	27	
3	ZK59503		4	4	3		4	7	0	22	22	
4	ZK59504		5	0		5	4	6	2	22	16	
5	ZK59505	5		4		0	5	6	5	25	32	
6	ZK59506	3		3		2	5	4	5	22	30	
7	ZK59508	4	4		5		0	5	2	20	24	
8	ZK59509	5	3		5	4		3	5	25	29	
9	ZK59510	5	5		5	4		4	2	25	31	
10	ZK59511	5		4	5	5		8	5	32	31	
11	ZK59512	4		4	5		0	5	2	20	34	
12	ZK59513		3	3		2	5	4	5	22	29	
13	ZK59514		3	3		2	5	4	5	22	17	
14	ZK59515		4	4	5		0	5	2	20	30	
15	ZK59516	5		5	5		4	4	2	25	18	
16	ZK59517	4		4	5	0		5	2	20	21	

17	ZK59518	4	4		5	0		8	5	30	28
18	ZK59519	5	4		5	5		8	5	32	32
19	ZK59520	5	5		5		4	4	2	25	30
20	ZK59521	5		5		4	5	9	5	33	25
21	ZK59522	3		3		2	5	4	5	22	32
22	ZK59523		4	4		5	0	5	2	20	34
23	ZK59524		4	4	5		0	5	2	20	28
24	ZK59525		3	3	2	5		4	5	22	16
25	ZK59526	4		4	5	0		5	2	20	33
26	ZK59527	4		4	5		0	5	2	20	29
27	ZK59528	5	4		5		5	8	5	32	27
28	ZK59530	5	5			5	4	4	2	25	26
29	ZK59531	5	5			5	4	4	2	25	26
30	ZK59532	4		4		5	0	8	5	30	34
31	ZK59533	4		4		5	0	5	2	20	24
32	ZK59534		5	5	5		4	4	2	25	29
33	ZK59536		5	5	5	4		4	2	25	30
34	ZK59537		5	5	5	5		9	5	34	29
35	ZK59538	5		5	5		5	9	5	34	21
36	ZK59539	5		5	5		5	9	5	34	36
37	ZK59540		3	3		2	5	4	5	22	23
38	ZK59541	4	4		0	5		8	5	30	23
39	ZK59542	5	5			5	5	9	5	34	29
40	ZK59543	5		5	5		4	4	2	25	34
41	ZK59544		5	5	5	4		4	2	25	25
42	ZK59545		4	4	5	0		8	5	30	34
43	ZK59546		5	4	5		5	9	5	34	29
44	ZK59547		5	5	5		4	4	2	25	21
45	ZK59548		5	3		5	5	9	5	32	29
46	ZK59549	5		5		5	4	4	2	25	28
47	ZK59550	5		4		5	5	8	5	32	30
48	ZK59551	5	5		5		4	4	2	25	28
49	ZK59552	5	5		5	4		9	5	33	29
50	ZK59554	4	4		5	0		5	2	20	33
51	ZK59555	3	3		2	5		4	5	22	31

52	ZK59556	5		5	5	5		9	5	34	28
53	ZK59557		3	3	2		5	4	5	22	26
54	ZK59558		5	5		5	4	4	2	25	33
55	ZK59559		5	5		5	5	9	5	34	35
56	ZK59560	4		4	5		0	5	2	20	28
57	ZK59561	5		4	5	5		8	5	32	23
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59	ZK59563	3	3		4	5		4	5	24	24
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61	ZK59565	3	3		2		5	4	5	22	34
62	ZK59566	4		4		5	0	5	2	20	23
63	ZK59567	4		4		5	0	5	2	20	26
64	ZK59568		4	5		5	5	9	5	33	23
65	ZK54175		3	3	2		5	4	5	22	27
66	ZK59569		4	4	5	0		5	2	20	30
67	ZK59570	5		5	5	4		4	2	25	25
68	ZK59571	3		3	2	5		4	5	22	32
69	ZK59573	4	4		5		0	5	2	20	29
70	ZK59574	4	4		5		0	5	2	20	30
71	ZK59575	5	5			0	5	9	5	34	28
72	ZK59576	5		5		5	4	4	2	25	30
73	ZK59577		5	5		5	4	4	2	25	28
74	ZK59578		4	4	5		0	5	2	20	31
75	ZK59580		3	3	2	5		4	5	22	28
76	ZK59581	4		4	5	0		5	2	20	27
77	ZK59582	4		4	5		0	5	2	20	29
78	ZK59583	4	4		5		0	5	2	20	23
79	ZK59584	5	5			5	4	4	2	25	20
80	ZK59585	3	3			2	5	4	5	22	27
81	ZK59587	5		5		5	4	4	2	25	22
82	ZK59588		4	4	5		0	5	2	20	30
83	ZK59589		4	4	5	0		5	2	20	31
84	ZK59590		4	4	5	0		5	2	20	31
85	ZK59591	5		5	5		4	4	2	25	22
86	ZK59592	5		5	5		4	4	2	25	31

87	ZK59593	4	4		5		0	5	2	20	26
88	ZK59594	5	0			5	5	5	5	25	29
89	ZK59595	5	4			5	4	6	4	28	32
90	ZK59596	5		5	5		5	10	5	34	31
91	ZK59597	5		5	5		5	9	5	34	28
92	ZK59598		5	4	5	5		8	5	32	29
93	ZK59599		4	4	5	0		5	2	20	16
94	ZK59600		5	5	5	4		4	2	25	32
95	ZK59601	4		4	5		0	5	2	20	24
96	ZK59603	4	4			5	0	5	2	20	20
97	ZK59604	5	5			5	5	8	5	33	27
98	ZK59605	5	5		5		5	6	4	30	16
99	ZK59606	5		5	5	4		4	2	25	33
100	ZK59607		3	3	2	5		4	5	22	34
101	ZK59608		5	5	5		4	4	2	25	23
102	ZK59609		4	5	5		0	8	5	32	29
103	ZK59610		4	4		5	0	5	2	20	28
104	ZK59611		5	5		5	4	4	2	25	26
105	ZK59612	3		4		5	5	6	5	28	31
106	ZK59613	3	3		2	5		4	5	22	25
107	ZK59615	4		4	5	0		5	2	20	31
108	ZK59616	5	4		5		5	8	5	32	33
109	ZK59617	3	3		2		5	4	5	22	32
110	ZK59618	4		4	5		0	5	2	20	35
111	ZK59620	5		5		4	5	8	5	33	28
112	ZK59621	5	4			4	4	6	2	25	28
113	ZK59622		3	5		5	5	5	5	28	36
114	ZK59623	3	3		2		5	4	3	20	22
115	ZK59624	3	3		2	5		4	5	22	22
116	ZK59625	3		3	2	5		4	3	20	25
117	ZK59626		3	3	3	5		6	4	25	30
118	ZK59627		3	3	2		5	7	5	25	27
119	ZK59628		3	3		2	5	4	3	20	25
120	ZK59629	5		4		5	4	5	2	25	20
121	ZK59630	3	3			2	5	4	3	20	27

122	ZK59631	5	4		5		4	7	5	28	31
123	ZK59632	3	3		2	5		4	3	20	27
124	ZK59633	3		3	2	5		7	5	25	28
125	ZK59634		3	3	2		5	4	3	20	30
126	ZK59635		4	4	5		2	5	5	25	18
127	ZK59637		2	4		3	3	6	2	20	24
128	ZK59638	5		4		5	4	5	0	22	29
129	ZK59639	3		3		2	5	4	3	20	29
130	ZK59640	3	3		2		5	4	5	22	35
131	ZK59641	3	3		2	5		4	3	20	33
132	ZK59642	5	4		5	4		3	4	25	38
133	ZK59643	5		4	5	4		3	4	25	28
134	ZK59644	4		3	5		0	5	5	22	30
135	ZK59645		5	4		5	5	8	5	32	31
136	ZK59646		3	3		2	5	4	3	20	31
137	ZK59647		3	3		2	5	4	3	20	29
138	ZK59648	3		3	2		5	7	5	25	30
139	ZK59649	3		3	2	5		4	3	20	29
140	ZK59650	5	5		5	5		7	5	32	27
141	ZK59651	5	4		5		5	8	5	32	29
142	ZK59652	5		3	5		4	6	2	25	25
143	ZK59653	5		4		5	5	8	5	32	27
144	ZK59654		5	5		5	0	5	5	25	23
145	ZK59655		3	3		5	5	4	5	25	27
146	ZK59656		4	4	5		0	5	2	20	29
147	ZK59657	5		4	5		5	7	5	30	29
148	ZK59658	5		2	5	2		6	5	25	24
149	ZK59586	3	3		2	5		4	3	20	31
150	ZK59579	3	3		2	5		4	3	20	28
151	ZK59535	4	4		5		0	5	2	20	30
152	ZK59507	3		4		4	4	5	2	22	25
153	ZK59614	3		3		4	5	8	5	28	26
154	ZK59529		2	4		4	4	6	0	20	26
155	ZK59530		4	3	2		5	6	0	20	32
<b>No. of Students Attempted</b>		<b>103</b>	<b>99</b>	<b>106</b>	<b>101</b>	<b>87</b>	<b>80</b>				<b>155</b>



In Internal Assessment No. of Students Secured > = Threshold marks (80%=4Marks)	77	66	76	74	74	78				
In External Assessment No. of Students Secured > =Threshold marks (40%=32 Marks)										113
% of students secured >= Threshold marks	74.76	66.67	71.7	73.27	85.06	97.5				72.9
Attainment Level	2	2	2	2	3	3				2
Direct CO Attainment	2	2	2	2	2.2	2.2				
Indirect CO Attainment Level	2.14	2.17	2.15	2.2	2.16	2.19				
Total CO Attainment	2.01	2.02	2.02	2.02	2.22	2.22				
Average CO Attainment										2.08

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	42	39	40	37	40	35
Level 2	50	51	45	50	50	55
Level 3	63	65	68	68	65	65
Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.14	2.17	2.15	2.2	2.16	2.19

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	1	2	1	2	2	1	1	2	1	2
CO2	1		1	1	3	2		3				1
CO3	1	2		2		1	1		2	1	1	
CO4		2	2	1	2	3	1	3	3	1	2	
CO5	2	1	3	2	1		2		1			2
CO6	3	1	3	2		1	3	1	3	2	3	2
Average PO Attainment	1.8	1.6	2	1.67	1.75	1.8	1.8	2	2	1.5	1.75	1.75
PO's Attainment at Course Level	1.25	1.11	1.39	1.16	1.21	1.25	1.25	1.39	1.39	1.04	1.21	1.21

Class: BBA III Yr. VI Sem. A.Y. 2020-21 Couse Code: XXXXI

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	seat no.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZK59501	3		3	0		5	4	5	20	37
2	ZK59502		4	3	4	0		5	4	20	35
3	ZK59503		4	4	3	4		7	0	22	39
4	ZK59504		5	0	5	4		6	0	20	35
5	ZK59505	5		4	0		5	6	5	25	36
6	ZK59506	3	3		0		5	4	5	20	37
7	ZK59508	4	3			4	0	5	4	20	35
8	ZK59509	5	3			5	4	5	3	25	33
9	ZK59510	5		5		5	4	4	2	25	35
10	ZK59511		5	4	5		5	8	5	32	38
11	ZK59512		4	4	5	0		5	2	20	38
12	ZK59513	3		3	0	5		4	5	20	32
13	ZK59514	4	3		4		0	5	4	20	30
14	ZK59515	4	4		5		2	5	0	20	35
15	ZK59516	5	5			5	4	4	2	25	35
16	ZK59517	4		4		4	0	8	0	20	36
17	ZK59518		4	4	5		5	9	5	32	37
18	ZK59519		5	4	5		5	8	5	32	37
19	ZK59520	5		5	5	4		4	2	25	32
20	ZK59521	5	5		4	5		9	5	33	37
21	ZK59522	3	3		2	5		4	3	20	38
22	ZK59523	3	3		0	5		4	5	20	36
23	ZK59524	4		3	4		0	5	4	20	35
24	ZK59525		3	3		2	5	4	5	22	34
25	ZK59526		3	3		0	5	4	5	20	35
26	ZK59527	4		3		4	0	5	4	20	35
27	ZK59528	5		4	5		5	8	5	32	33

28	ZK59530	5	5		5		4	6	0	25	35
29	ZK59531	5	5		5	5		0	5	25	38
30	ZK59532	4		4	4	0		8	5	30	29
31	ZK59533	5		5	5	5		0	5	20	31
32	ZK59534		5	0	5		4	6	5	25	36
33	ZK59536		0	5		5	4	6	5	25	36
34	ZK59537		5	5		5	5	9	5	34	38
35	ZK59538	5		5		5	5	9	5	34	38
36	ZK59539	5		5		5	5	9	5	34	36
37	ZK59540	3	3		2		5	4	5	22	37
38	ZK59541	5	0		5	5		8	5	28	38
39	ZK59542	5	5		5	5		9	5	34	40
40	ZK59543	5		5	5	4		4	2	25	36
41	ZK59544	5		5	0		5	5	5	25	34
42	ZK59545		5	5	5		0	10	5	30	35
43	ZK59546		5	4		5	5	9	5	34	37
44	ZK59547	5		5		5	4	4	2	25	35
45	ZK59548	5		3		5	5	9	5	32	39
46	ZK59549	5	5		5		0	5	5	25	39
47	ZK59550	5	4		5	5		8	5	32	34
48	ZK59551	5		5	5	0		5	5	25	40
49	ZK59552		5	5	5		5	9	5	34	32
50	ZK59554		4	4	5		2	5	0	20	39
51	ZK59555	4		4		5	2	5	0	20	36
52	ZK59556	5		5		5	5	9	5	34	38
53	ZK59557	5	5		5		0	5	5	25	39
54	ZK59558	5	5		5		0	5	5	25	37
55	ZK59559	5	5		5	5		9	5	34	40
56	ZK59560	4		4	5	2		5	0	20	34
57	ZK59561	5		4	5	5		8	5	33	36
58	ZK59562		5	5	5		0	5	5	25	37
59	ZK59563		4	4	5		2	5	0	20	26
60	ZK59564		5	3		2	5	7	3	25	36
61	ZK59565	3		3		2	5	4	5	22	37
62	ZK59566	3		3		3	5	8	0	22	33

63	ZK59567	3	3		3		5	8	0	22	36
64	ZK59568	4	5		5	5		9	5	33	31
65	ZK54175	3	3		2	5		4	5	22	36
66	ZK59569	4		4	5	2		5	0	20	36
67	ZK59570	5		3	2		5	7	3	25	34
68	ZK59571		3	3		2	5	4	5	22	36
69	ZK59573		4	4		5	2	5	0	20	31
70	ZK59574		3	3		0	5	4	5	20	35
71	ZK59575	4		3	4		0	5	4	20	39
72	ZK59576	5		5	5	5		9	5	34	33
73	ZK59577	3	3		2	5		4	5	22	40
74	ZK59578	5	3		2	5		7	3	25	38
75	ZK59580	4	4		5		2	5	0	20	32
76	ZK59581	3		3		2	5	7	0	20	32
77	ZK59582		3	3		2	5	7	0	20	35
78	ZK59583		3	3	2		5	4	3	20	32
79	ZK59584		4	4	5		0	5	2	20	38
80	ZK59585	5		2	5	2		6	5	25	27
81	ZK59587	4		4	5	2		5	0	20	37
82	ZK59588	5		2	5	2		6	5	25	38
83	ZK59589	5	4		5		0	9	5	28	34
84	ZK59590	3	3		2		5	4	3	20	28
85	ZK59591	4	4			5	0	5	2	20	36
86	ZK59592	5		4		5	0	9	5	28	33
87	ZK59593	5		2		5	2	6	5	25	38
88	ZK59594		3	3	2		5	4	5	22	38
89	ZK59595		5	4	5	0		9	5	28	36
90	ZK59596		5	5	5	5		10	4	34	39
91	ZK59597	5		5	5	5		9	4	33	37
92	ZK59598	5		5	4		5	8	5	32	38
93	ZK59599	3	4		0		4	5	4	20	25
94	ZK59600	5	2			5	2	6	5	25	40
95	ZK59601	3	4			0	4	5	4	20	30
96	ZK59603	3		4	0		4	5	4	20	27
97	ZK59604		5	5	5	5		8	5	33	37

98	ZK59605		5	5	5	5		6	5	30	25
99	ZK59606	5		4	5	0		9	5	28	38
100	ZK59607	3		4	0		4	5	4	20	38
101	ZK59608	5	2			5	2	6	5	25	39
102	ZK59609	5	5			4	5	8	5	32	39
103	ZK59610	3	4			0	4	5	4	20	32
104	ZK59611	5	3		2		5	7	3	25	38
105	ZK59612	4		4	5	5		7	5	30	36
106	ZK59613	3		3	2	5		4	5	22	36
107	ZK59615		3	4	0	4		5	4	20	32
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109	ZK59617		3	4	0		4	5	4	20	34
110	ZK59618	3		3		2	5	7	0	20	37
111	ZK59620	5		5		4	5	8	5	32	35
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113	ZK59622	5	4			5	0	9	5	28	39
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116	ZK59625		3	3	2	5		7	0	20	36
117	ZK59626		5	3	2	5		7	3	25	39
118	ZK59627		5	3	2	5		7	3	25	33
119	ZK59628	3		3	2		5	7	0	20	32
120	ZK59629	5		3		2	5	7	3	25	39
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122	ZK59631	5	4		5		0	9	5	28	38
123	ZK59632	5	5		0	5		0	5	20	37
124	ZK59633	5	3		2	5		7	3	25	32
125	ZK59634	3		3	2		5	4	3	20	36
126	ZK59635		4	4		5	2	5	5	25	34
127	ZK59637		2	4		3	3	6	2	20	37
128	ZK59638		5	4	5		4	0	2	20	37
129	ZK59639	3		3	2	5		4	5	22	39
130	ZK59640	3		3	3	5		8	0	22	38
131	ZK59641	3		3	2		5	4	3	20	37
132	ZK59642	4	3		5		4	5	4	25	39

133	ZK59643	5	4			5	4	3	4	25	37
134	ZK59644	4	3			5	0	5	3	20	31
135	ZK59645	5	5		5		5	8	5	33	38
136	ZK59646	5		5	5	5		0	5	25	32
137	ZK59647	3		3	2	5		7	0	20	33
138	ZK59648		3	3	2	5		7	5	25	37
139	ZK59649		3	3	2		5	4	3	20	35
140	ZK59650		5	5		5	5	7	5	32	32
141	ZK59651	5		4		5	5	8	5	32	33
142	ZK59652	5		3		5	4	6	2	25	37
143	ZK59653	5	4		5		5	8	3	32	35
144	ZK59654	5	5		5	0		5	5	25	34
145	ZK59655	3	3		5	5		4	5	25	30
146	ZK59656	4		4	5		2	5	0	20	38
147	ZK59657	5		4	4		5	7	5	30	38
148	ZK59658		5	2		5	2	6	5	25	31
149	ZK59586		3	3		2	5	4	3	20	33
150	ZK59579		3	3		2	5	4	3	20	20
151	ZK59535	4		4	5		0	5	2	20	20
152	ZK59507	3		4	0	4		5	4	20	20
153	ZK59614	5		5	4	5		8	5	32	38
154	ZK59529	0	4		4	4		6	2	20	37
155	ZK59530	3	3		2		5	4	5	22	22
<b>No. of Students Attempted</b>		<b>109</b>	<b>93</b>	<b>103</b>	<b>93</b>	<b>92</b>	<b>82</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>78</b>	<b>56</b>	<b>61</b>	<b>65</b>	<b>73</b>	<b>69</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>71.56</b>	<b>60.22</b>	<b>59.22</b>	<b>69.89</b>	<b>79.35</b>	<b>84.15</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.23</b>	<b>2.19</b>	<b>2.12</b>	<b>2.17</b>	<b>2.15</b>	<b>2.17</b>				
<b>Total CO Attainment</b>		<b>2.02</b>	<b>2.02</b>	<b>1.83</b>	<b>2.02</b>	<b>2.02</b>	<b>2.2</b>				
<b>Average CO Attainment</b>											<b>2.02</b>

**Computation of Indirect CO's Attainment**

Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	32	36	45	42	42	37
Level 2	55	54	40	45	48	55
Level 3	68	65	68	68	65	63
Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.23	2.19	2.12	2.17	2.15	2.17

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	1	2	1	2	2	1	2	2	1	2
CO2			3	2	2	1		3			3	1
CO3	1	2		2		1	1		2	3	1	
CO4			2	1	2	3	2	1	3	1	2	
CO5	2	1	3	2	1		2		1			3
CO6	3	1	3	2		1	3	1	3	2	3	2
Average PO Attainment	2	1.5	2.4	1.83	1.5	1.6	2	1.5	2.2	2	2	2
PO's Attainment at Course Level	1.35	1.01	1.62	1.23	1.01	1.08	1.35	1.01	1.48	1.35	1.35	1.35

Computation of CO Direct Attainment													
Course : MA													
Class: BBA III Yr. VI Sem.      A.Y. 2020-21      Course Code: XXXXI													
Internal Assessment											External Assessment		
Sr. No.				Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	seat no.			Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
				CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZK59501				3	3		0	5	4	5	20	28

2	ZK59502	3	4		4		0	5	4	20	23
3	ZK59503		4	4	3		4	7	0	22	24
4	ZK59504	3		3	2	5		4	3	20	18
5	ZK59505	3	3			5	0	4	5	20	31
6	ZK59506		3	4	4	0		5	4	20	28
7	ZK59508	4	3		4		0	5	4	22	25
8	ZK59509	5		5		5	4	4	2	25	23
9	ZK59510		5	5		0	5	5	5	25	25
10	ZK59511		5	4		5	5	8	5	32	28
11	ZK59512	3		3	2		5	4	3	20	30
12	ZK59513	3	3		0		5	4	5	20	28
13	ZK59514		3	4	4	0		5	4	20	16
14	ZK59515	4	4			0	5	5	3	20	25
15	ZK59516	5		5	5	5		0	5	25	26
16	ZK59517		4	2	5		0	6	5	22	19
17	ZK59518		5	4		5	0	8	5	32	19
18	ZK59519	5		4	5	5		9	4	32	29
19	ZK59520	5	5			5	5	0	5	25	24
20	ZK59521		5	5	4		5	9	4	32	30
21	ZK59522	2	3		2		3	5	5	20	28
22	ZK59523	3	3		0	5		4	5	20	29
23	ZK59524	4		3	4	0		5	4	22	20
24	ZK59525		3	3	2	5		4	3	20	29
25	ZK59526		3	3	0		5	4	5	20	21
26	ZK59527		4	3		4	0	5	4	20	21
27	ZK59528	5		4	5	4		9	4	32	26
28	ZK59530	4	4			5	2	5	0	20	27
29	ZK59531	3	3		0		5	4	5	20	31
30	ZK59532	4		4	5	0		8	4	30	20
31	ZK59533	4		4		0	5	5	2	20	29
32	ZK59534		5	5	5	5		0	5	25	26
33	ZK59536		5	5	5		5	0	5	25	24
34	ZK59537		5	5		5	5	9	5	34	28
35	ZK59538	5		5	5	5		9	5	34	24
36	ZK59539	5	5			5	5	9	5	34	28



37	ZK59540	3	5		2		5	4	3	22	23
38	ZK59541	4		4	5	5		8	2	28	23
39	ZK59542	5		5	5	5		9	5	34	34
40	ZK59543		5	5	5		4	4	2	25	24
41	ZK59544	5	5			0	5	5	5	25	28
42	ZK59545		4	4		5	5	8	4	30	34
43	ZK59546	5		5		5	5	9	5	34	26
44	ZK59547	5	5		5		5	0	5	25	26
45	ZK59548	5	3		5	5		9	5	32	29
46	ZK59549	5	5		5	5		0	5	25	31
47	ZK59550	5		4	5	5		8	5	32	24
48	ZK59551		5	5	5		5	0	5	25	28
49	ZK59552		5	5		5	5	9	5	34	29
50	ZK59554		3	5		2	5	4	3	22	32
51	ZK59555	3		3		2	5	7	0	20	27
52	ZK59556	5		5	5		5	9	5	34	30
53	ZK59557	3	5		2	5		4	3	22	16
54	ZK59558	3	5		2	5		4	3	25	29
55	ZK59559	5	5		5	5		9	5	34	30
56	ZK59560	2		3	5		0	5	5	20	24
57	ZK59561		5	4		5	5	9	5	33	23
58	ZK59562		5	0		5	4	6	5	25	29
59	ZK59563		0	3		4	5	4	4	20	21
60	ZK59564	5		0	5		4	6	5	25	27
61	ZK59565	3		3	3	5		8	0	22	29
62	ZK59566	4	4		3	0		5	4	20	23
63	ZK59567	3	3		3	5		8	0	22	29
64	ZK59568	5	5		5		5	9	5	34	17
65	ZK54175	3	3			3	5	8	0	22	26
66	ZK59569	4		4		0	3	5	4	20	27
67	ZK59570		5	0		5	4	6	5	25	29
68	ZK59571		3	3	3		5	8	0	22	26
69	ZK59573		5	5	5	0		5	0	20	26
70	ZK59574	3		3	0	5		4	5	20	29
71	ZK59575	5		5	5	5		9	5	34	20

72	ZK59576	3	3		3		5	8	0	22	32
73	ZK59577	5	0		5		4	6	5	25	25
74	ZK59578	3	3			2	5	4	3	20	27
75	ZK59580	3		3		0	5	4	5	20	29
76	ZK59581		4	3		4	0	5	4	20	29
77	ZK59582		4	4	5		2	5	0	20	25
78	ZK59583		3	3	0	5		4	5	20	24
79	ZK59584	5		0	5	4		6	5	25	23
80	ZK59585	3	3		2		5	4	3	20	21
81	ZK59587	5	0		5		4	6	5	25	24
82	ZK59588	4	4			5	2	5	0	20	25
83	ZK59589	3		3		0	5	4	5	20	29
84	ZK59590		4	4		5	0	5	2	20	19
85	ZK59591		5	5	5		4	4	5	28	26
86	ZK59592		5	0	5	4		6	5	25	26
87	ZK59593		3	3	3	5		8	0	22	25
88	ZK59594	5		0	5	5		8	5	28	30
89	ZK59595	5	5		5		0	8	5	28	29
90	ZK59596	5	5		5		5	10	4	34	27
91	ZK59597	5	0			5	4	6	5	25	29
92	ZK59598	5	4			5	5	8	5	32	30
93	ZK59599	4		4		3	0	5	4	20	27
94	ZK59600		5	0	5		4	6	5	25	22
95	ZK59601		4	4	5	2		5	0	20	23
96	ZK59603		3	3	0	5		4	5	20	25
97	ZK59604	5		5	5		4	8	5	33	23
98	ZK59605	5	5		5		5	6	4	30	17
99	ZK59606	5	4			5	4	7	3	28	31
100	ZK59607	4	4			3	0	5	4	20	30
101	ZK59608	5		0	5		4	6	5	25	28
102	ZK59609	5		5	5	0		8	4	32	24
103	ZK59610		4	4	3	0		5	4	20	30
104	ZK59611		5	0	5	4		6	5	25	23
105	ZK59612		3	3	3		5	8	0	22	28
106	ZK59613		3	5		2	5	9	5	29	27

107	ZK59615	5		5		5	4	4	2	25	28
108	ZK59616	5	5			0	5	5	5	25	30
109	ZK59617	4	4		3		0	5	4	20	28
110	ZK59618	4	4		3	0		5	4	20	27
111	ZK59620	5	5		4	5		8	5	32	26
112	ZK59621	0	5		5	4		6	5	25	25
113	ZK59622	5		4	5		4	7	3	28	33
114	ZK59623	4		4	3		0	5	4	20	19
115	ZK59624		3	3		3	5	8	0	22	16
116	ZK59625		4	4		3	0	5	4	20	22
117	ZK59626		0	5		5	4	6	5	25	28
118	ZK59627		5	4	5		4	7	3	28	26
119	ZK59628	3		3	2	5		4	5	22	17
120	ZK59629	0		5	5	4		6	5	25	19
121	ZK59630	4	4		3		0	5	4	20	29
122	ZK59631	5	4		5		4	7	3	28	24
123	ZK59632	3	3		2		5	4	5	22	18
124	ZK59633	3		3		2	5	7	5	25	22
125	ZK59634	3		3		2	5	4	5	22	26
126	ZK59635		0	5		5	4	6	5	25	22
127	ZK59637		4	4	5		2	5	0	20	27
128	ZK59638		3	3	0	5		4	5	20	24
129	ZK59639	5		5	5	4		4	2	25	19
130	ZK59640	5		5	0		5	5	5	25	26
131	ZK59641	4	4		3		0	5	4	20	29
132	ZK59642	5	5			5	4	4	2	25	29
133	ZK59643	5	5			0	5	5	5	25	37
134	ZK59644	4		4		3	0	5	4	20	31
135	ZK59645	5		4	5		5	8	5	33	38
136	ZK59646		0	5	5		4	6	5	25	32
137	ZK59647		4	4	3	0		5	4	20	29
138	ZK59648		0	5	5	4		6	5	25	29
139	ZK59649	4		4	3	0		5	4	20	25
140	ZK59650	5	5		5		5	7	5	32	29
141	ZK59651	5	4		5		5	7	5	33	29

142	ZK59652	5	3			5	4	6	2	25	23
143	ZK59653	5		4		5	5	8	5	32	19
144	ZK59654	0		5	5		4	6	5	25	22
145	ZK59655		0	5	5	4		6	5	25	22
146	ZK59656		3	3	2	5		4	5	22	29
147	ZK59657		5	4	5	5		7	4	30	22
148	ZK59658		5	2	5		2	6	5	25	24
149	ZK59586	3		3		2	5	4	3	20	29
150	ZK59579	3	3			0	5	4	5	20	29
151	ZK59535	4	3		4		0	5	4	20	33
152	ZK59507	4	4		3	0		5	4	20	19
153	ZK59614	3		3	4	5		8	5	28	25
154	ZK59529		2	4	4	0		6	4	20	24
155	ZK59530	3		3	2		5	4	5	22	27
<b>No. of Students Attempted</b>		<b>97</b>	<b>99</b>	<b>93</b>	<b>94</b>	<b>80</b>	<b>84</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>67</b>	<b>67</b>	<b>62</b>	<b>65</b>	<b>66</b>	<b>77</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>69.07</b>	<b>67.68</b>	<b>66.67</b>	<b>69.15</b>	<b>82.5</b>	<b>91.67</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.15</b>	<b>2.17</b>	<b>2.14</b>	<b>2.15</b>	<b>2.11</b>	<b>2.14</b>				
<b>Total CO Attainment</b>		<b>2.02</b>	<b>2.02</b>	<b>2.01</b>	<b>2.02</b>	<b>2.19</b>	<b>2.19</b>				
<b>Average CO Attainment</b>											<b>2.08</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>40</b>	<b>38</b>	<b>42</b>	<b>45</b>	<b>45</b>	<b>39</b>
<b>Level 2</b>	<b>52</b>	<b>52</b>	<b>43</b>	<b>42</b>	<b>48</b>	<b>55</b>
<b>Level 3</b>	<b>63</b>	<b>65</b>	<b>68</b>	<b>68</b>	<b>62</b>	<b>61</b>
<b>Total no. of students participated</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>
<b>CO Attainment Level</b>	<b>2.15</b>	<b>2.17</b>	<b>2.14</b>	<b>2.15</b>	<b>2.11</b>	<b>2.14</b>

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	1		1	2	2	1	2	2	1	2
CO2			3	2	2	1		3				1
CO3	1	2				1			2	2	1	
CO4			2	1	2		2	1	3	1	2	2
CO5	2	3	1	2	3		2	2				3
CO6	1	1	3	2		1	3	1	3	2	3	2
<b>Average PO Attainment</b>	<b>1.5</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.25</b>	<b>2.25</b>	<b>1.6</b>	<b>2.5</b>	<b>1.75</b>	<b>1.75</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.04</b>	<b>1.39</b>	<b>1.39</b>	<b>1.21</b>	<b>1.39</b>	<b>0.87</b>	<b>1.56</b>	<b>1.11</b>	<b>1.73</b>	<b>1.21</b>	<b>1.21</b>	<b>1.39</b>

Computation of CO Direct Attainment												
Course : ELE 3												
Class: BBA III Yr. VI Sem.      A.Y. 2020-21      Course Code: XXXXI												
Internal Assessment											External Assessment	
Sr. No.			Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	seat no.		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
			CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZK59501		4		3	0		5	8	5	25	36
2	ZK59502			5	5		5	1	9	5	30	27
3	ZK59503			4	4	5		5	8	2	28	19
4	ZK59504			4	4	5	5		8	3	29	32
5	ZK59505		5		5	5	5		8	5	33	27
6	ZK59506		4		4	5	5		8	3	29	32
7	ZK59508		5	5		5	4		4	2	25	26
8	ZK59509		4	4		5		5	8	2	28	23
9	ZK59510		4		4	5		5	8	2	28	27
10	ZK59511			5	4		5	5	8	5	32	34
11	ZK59512			4	4		5	5	8	2	28	32

12	ZK59513		5	5		5	4	4	2	25	33
13	ZK59514	4		3		5	0	5	5	22	18
14	ZK59515	4		4	5		5	8	3	29	29
15	ZK59516	5	4		5	5		8	5	32	26
16	ZK59517	4	4		5	0		8	4	30	28
17	ZK59518	4		4	5	5		8	3	29	32
18	ZK59519		4	4	5	0		8	4	30	29
19	ZK59520		4	4	5		0	8	4	30	34
20	ZK59521	4		4	5		0	8	4	30	30
21	ZK59522	4	4		5		0	8	4	30	33
22	ZK59523	4	4			5	0	8	4	30	25
23	ZK59524	5	5			5	4	4	2	25	24
24	ZK59525	4		4		5	5	8	3	29	31
25	ZK59526		4	4		5	0	8	4	30	23
26	ZK59527		5	5	5		4	4	5	28	35
27	ZK59528		5	4	5		5	8	5	32	29
28	ZK59530	5		5	5	4		4	5	28	31
29	ZK59531	4	4		5	5		8	3	29	30
30	ZK59532	5	5		5	5		6	4	30	23
31	ZK59533	3		3	2	5		5	4	22	30
32	ZK59534		5	5	2	5		8	5	31	29
33	ZK59536		5	5	5		5	6	4	30	35
34	ZK59537	5		5		5	5	6	4	30	34
35	ZK59538	5		5		5	5	9	5	34	39
36	ZK59539	5	5			5	5	6	4	30	34
37	ZK59540	5	5			5	4	4	2	25	25
38	ZK59541	5		5		5	5	6	4	30	35
39	ZK59542		5	5	5		5	9	5	34	35
40	ZK59543		4	4	5		5	8	3	29	32
41	ZK59544		4	4	5	5		8	3	29	32
42	ZK59545	5		5	5	5		6	4	30	31
43	ZK59546	4	4		5	5		8	3	29	29
44	ZK59547	5	5		5		5	6	4	30	39
45	ZK59548	5	5		5		4	4	2	25	40
46	ZK59549	5		5		5	5	6	4	30	32

47	ZK59550		5	5		5	4	4	5	28	25
48	ZK59551		5	5		5	5	6	4	30	31
49	ZK59552		5	5	5		5	9	5	34	33
50	ZK59554	5		5	5		5	6	4	30	39
51	ZK59555	3	3			2	5	5	4	22	36
52	ZK59556		4	5	5	5		8	5	32	36
53	ZK59557	5	5			2	5	8	5	31	27
54	ZK59558	4		4	5		5	8	3	29	32
55	ZK59559		5	4	5		5	9	5	33	40
56	ZK59560		5	5	5	4		4	2	25	34
57	ZK59561	5		5	5	4		4	5	28	33
58	ZK59562	5		5	5	4		4	5	28	35
59	ZK59563	3	3		0	5		4	5	20	21
60	ZK59564	5	5		5		5	6	4	30	32
61	ZK59565	5		5	5		5	6	4	30	33
62	ZK59566		4	4		5	5	8	2	28	24
63	ZK59567		4	5		0	3	5	5	22	31
64	ZK59568	5		5		5	4	4	5	28	19
65	ZK54175	5	5		2		4	4	5	25	29
66	ZK59569	4	5		0		3	5	5	22	28
67	ZK59570	4		4	5	5		8	3	29	29
68	ZK59571	5		4	4	5		8	5	31	28
69	ZK59573		5	5	5	0		5	0	20	30
70	ZK59574		5	5	5	5		6	4	30	33
71	ZK59575	5		4	5		5	9	5	33	29
72	ZK59576	5	5			5	4	4	5	28	31
73	ZK59577	5	5			5	5	9	5	34	35
74	ZK59578	5		5		5	4	4	2	25	30
75	ZK59580		4	4	5		5	8	3	29	21
76	ZK59581		4	2	4	0		5	5	20	30
77	ZK59582		5	5	5	4		4	5	28	26
78	ZK59583	5		5	5	5		6	4	30	31
79	ZK59584	5	5		5		5	0	5	25	35
80	ZK59585	5	5		5		4	4	2	25	27
81	ZK59587	5	5			5	4	4	5	28	29

82	ZK59588	5		4		5	5	9	5	33	26
83	ZK59589	4		4		5	5	8	3	29	27
84	ZK59590		5	5	5		4	4	5	28	23
85	ZK59591		4	4	5		5	8	3	29	28
86	ZK59592	5		5	5		5	6	4	30	23
87	ZK59593		5	5	5	4		4	5	28	32
88	ZK59594		5	4	5	5		8	5	32	36
89	ZK59595	4		4	5	5		8	3	29	33
90	ZK59596	5		5	5		4	4	5	28	34
91	ZK59597	5	5			5	5	9	5	34	31
92	ZK59598	5	5			5	5	0	5	25	34
93	ZK59599	5		5		5	4	4	5	28	19
94	ZK59600		5	5	5		5	6	4	30	31
95	ZK59601		5	5	5		4	4	2	25	25
96	ZK59603		5	5	5	4		4	5	28	22
97	ZK59604	4		4	5	5		8	3	29	30
98	ZK59605	4	4		5	5		8	3	29	18
99	ZK59606	5	5		5		5	9	5	34	35
100	ZK59607	3	3		0		5	4	5	20	35
101	ZK59608	5		5		5	4	4	5	28	39
102	ZK59609	5		5		5	5	6	4	30	35
103	ZK59610		5	5		5	5	0	5	25	31
104	ZK59611		5	5	5		5	6	4	30	34
105	ZK59612		5	5	5		4	4	5	28	35
106	ZK59613	4		4	5	5		8	3	29	28
107	ZK59615	5		5	5	5		0	5	25	27
108	ZK59616	5	5		5	5		0	5	25	39
109	ZK59617	5	5		5		4	4	5	28	27
110	ZK59618	4	4			3	0	7	4	22	27
111	ZK59620	5		4		5	5	8	5	32	32
112	ZK59621		5	5		5	5	6	4	30	35
113	ZK59622		5	4	5		5	9	5	33	40
114	ZK59623	4		4	5	5		8	3	29	26
115	ZK59624	5		5	5	5		0	5	25	31
116	ZK59625	5	5		5	4		4	5	28	28



117	ZK59626	4	4		5		5	8	3	29	33
118	ZK59627	5		5		5	5	6	4	30	29
119	ZK59628		3	3		2	5	4	5	22	26
120	ZK59629		5	5		5	5	6	4	30	30
121	ZK59630		4	4		4	0	5	5	22	29
122	ZK59631	5		4	5		5	8	5	32	32
123	ZK59632	5		5	5	4		4	5	28	24
124	ZK59633	5	5		5	5		0	5	25	32
125	ZK59634	4	4		5		5	8	3	29	28
126	ZK59635	5	5		5		4	4	5	28	26
127	ZK59637	5		5		5	4	4	5	28	28
128	ZK59638	5		5		5	4	4	5	28	26
129	ZK59639		5	5		5	2	3	5	25	30
130	ZK59640		5	5	5		5	0	5	25	36
131	ZK59641	5		5	5	5		0	5	25	32
132	ZK59642	5	5		5	4		4	2	25	39
133	ZK59643	5	4		5	5		9	5	33	35
134	ZK59644	5	5		5		5	0	5	25	34
135	ZK59645	5		5		5	5	8	5	32	40
136	ZK59646		5	4		5	5	7	4	30	28
137	ZK59647		4	5		3	0	5	5	22	30
138	ZK59648		5	5	5		4	4	5	28	26
139	ZK59649	5		5	5	5		0	5	25	28
140	ZK59650	4		4	5	5		8	3	29	31
141	ZK59651	5	5		5	4		4	5	28	29
142	ZK59652	5	5		5		4	4	5	28	28
143	ZK59653	5		5	5		4	4	5	28	25
144	ZK59654		5	5		0	5	5	5	25	34
145	ZK59655		5	4		5	5	7	4	30	28
146	ZK59656		5	5		0	5	5	5	25	40
147	ZK59657	5		4	5		5	7	4	30	35
148	ZK59658	5		5	5		4	4	5	28	23
149	ZK59586	5	5		0	5		5	5	25	29
150	ZK59579	5	5		5	5		0	5	25	30
151	ZK59535	5		5	0		5	5	5	25	32

152	ZK59507		3	3		0	5	4	5	20	32
153	ZK59614		3	3		4	5	7	5	27	33
154	ZK59529		3	3	3		5	8	0	22	31
155	ZK59530	3		3	4		5	8	0	23	31
<b>No. of Students Attempted</b>		<b>100</b>	<b>100</b>	<b>110</b>	<b>97</b>	<b>94</b>	<b>96</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>95</b>	<b>93</b>	<b>101</b>	<b>93</b>	<b>89</b>	<b>92</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>95</b>	<b>93</b>	<b>91.82</b>	<b>95.88</b>	<b>94.68</b>	<b>95.83</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.14</b>	<b>2.14</b>	<b>2.18</b>	<b>2.15</b>	<b>2.08</b>	<b>2.18</b>				
<b>Total CO Attainment</b>		<b>2.19</b>	<b>2.19</b>	<b>2.2</b>	<b>2.2</b>	<b>2.19</b>	<b>2.2</b>				
<b>Average CO Attainment</b>											<b>2.2</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	42	41	40	43	47	36
Level 2	50	52	47	45	48	55
Level 3	63	62	68	67	60	64
Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.14	2.14	2.18	2.15	2.08	2.18

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	1		3	2	2	1	2	1	1	2
CO2	3		1	3	2	1	1	3				
CO3	1	2				3			2	2	3	3
CO4		3	2	1	2		2	1	3	1	2	2
CO5	2	3	1	2	3		2	1				3
CO6	1	1	3	2		1	3	1	1	2	3	2

Average PO Attainment	1.8	2.2	1.6	2	2.5	1.75	2	1.4	2	1.5	2.25	2.4
PO's Attainment at Course Level	1.32	1.61	1.17	1.47	1.83	1.28	1.47	1.03	1.47	1.1	1.65	1.76

Computation of CO Direct Attainment												
Course : ELE 4												
Class: BBA III Yr. VI Sem.      A.Y. 2020-21      Course Code: XXXXI												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	seat no.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40	
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6					
1	ZK59501	4		3	0		5	8	5	25	33	
2	ZK59502		5	5	5		1	9	5	30	22	
3	ZK59503	4	4			5	5	8	2	28	25	
4	ZK59504		5	4	5	4		7	5	29	27	
5	ZK59505	4		3		0	5	8	5	25	30	
6	ZK59506	5	5		5		4	4	5	28	25	
7	ZK59508	5	5		5		4	4	5	28	24	
8	ZK59509		5	5		5	5	9	5	34	29	
9	ZK59510	4	4		5	5		8	2	28	28	
10	ZK59511	4		3		0	5	8	5	25	31	
11	ZK59512	5		5	5		4	0	3	22	26	
12	ZK59513		5	4	4	5		7	5	29	33	
13	ZK59514		5	5	5	0		5	5	20	23	
14	ZK59515		5	5	5	1		9	5	30	28	
15	ZK59516		5	5	4	5		7	4	29	31	
16	ZK59517	5		5	5		1	9	5	30	25	
17	ZK59518	0	0		5		5	8	2	20	27	
18	ZK59519	4	4			5	0	8	4	30	26	

19	ZK59520	5	5			5	1	9	5	30	31
20	ZK59521	4	4			5	0	8	4	30	24
21	ZK59522	4	3		0		5	8	5	25	29
22	ZK59523	5		5	4	5		7	4	29	29
23	ZK59524		4	4	5	0		8	4	30	27
24	ZK59525		5	5	5		0	5	0	20	27
25	ZK59526	5		5	5		0	8	5	32	21
26	ZK59527	5		5		5	4	4	5	28	28
27	ZK59528	5	5			4	5	7	4	29	34
28	ZK59530	5	5		5		1	9	5	30	32
29	ZK59531	5		5	5		4	0	3	22	34
30	ZK59532	5		5	5		5	6	5	31	25
31	ZK59533		5	5	5	5		10	4	34	29
32	ZK59534		5	5		5	5	10	4	34	23
33	ZK59536		5	5	5	5		9	5	34	30
34	ZK59537	5		5	4	5		10	5	34	30
35	ZK59538	4		3	0		5	8	5	25	33
36	ZK59539	5	5			5	5	10	4	34	29
37	ZK59540	5	5			5	5	9	5	34	27
38	ZK59541	5	5		5	4		7	4	29	36
39	ZK59542	5		5		4	5	7	4	29	35
40	ZK59543		4	4		5	0	8	4	30	26
41	ZK59544		4	4	5		0	8	4	29	27
42	ZK59545	5		5	5	5		9	5	34	32
43	ZK59546		4	3	0	5		8	5	25	29
44	ZK59547	5		5	5	5		6	5	34	30
45	ZK59548	5		5	5	4		4	5	28	34
46	ZK59549	5	5		5		1	9	5	30	29
47	ZK59550	5	5		5		5	9	5	34	27
48	ZK59551	5	5			5	5	10	4	34	31
49	ZK59552	5		5		5	4	0	3	22	29
50	ZK59554		5	5		5	5	10	2	32	34
51	ZK59555		5	5	3		5	9	4	31	33
52	ZK59556		5	5	4	5		7	4	29	28
53	ZK59557	5		5	5	5		10	3	33	28

54	ZK59558	4	3		0		5	8	5	25	26
55	ZK59559	4	4		5		5	8	2	28	36
56	ZK59560	5	5			5	5	10	4	34	33
57	ZK59561	5		5	5		0	5	0	20	30
58	ZK59562	5		5	5		1	9	5	30	30
59	ZK59563		5	5	5		1	9	5	30	30
60	ZK59564		5	5		5	4	4	5	28	27
61	ZK59565	5		5		5	4	0	3	22	35
62	ZK59566	4		4	5		5	8	2	28	24
63	ZK59567	5	5		5	0		5	0	20	31
64	ZK59568	5	5		5	4		0	3	22	19
65	ZK54175	5		5	5		5	6	3	29	31
66	ZK59569	5		5	2		5	9	5	31	29
67	ZK59570		5	5		5	0	5	0	20	30
68	ZK59571		5	5		5	1	9	5	30	22
69	ZK59573	5		5		5	5	10	3	33	32
70	ZK59574	5		5		4	5	6	4	28	28
71	ZK59575	5	4		5		5	10	5	34	29
72	ZK59576	4	3		0		5	8	5	25	26
73	ZK59577	5	5		5	5		9	0	29	35
74	ZK59578	5		5	5	0		5	0	20	20
75	ZK59580	5		5	5	4		4	5	28	28
76	ZK59581		5	5	5	1		9	5	30	29
77	ZK59582		5	5	5		4	4	2	25	27
78	ZK59583		5	3		4	3	6	4	25	29
79	ZK59584	4		4		5	5	8	2	28	29
80	ZK59585	5		5		5	5	10	4	33	26
81	ZK59587	4	5		3		4	9	4	29	26
82	ZK59588	5	5		5		4	4	5	28	30
83	ZK59589	4		5	5	5		8	2	29	30
84	ZK59590	5		5	5	5		9	5	34	22
85	ZK59591		4	4	5	3		8	4	28	22
86	ZK59592		5	5	4		5	10	5	34	31
87	ZK59593	5		4	3		4	9	3	29	27
88	ZK59594		4	4		5	5	8	2	28	34

89	ZK59595	4	5		5	5		9	5	34	29
90	ZK59596	5	5			5	4	4	2	25	30
91	ZK59597	5		5	5		4	4	5	28	32
92	ZK59598	5		5		5	1	9	5	30	32
93	ZK59599		5	5		5	4	4	2	25	21
94	ZK59600		5	5		5	4	4	5	28	23
95	ZK59601		5	5	4		4	7	4	29	28
96	ZK59603	4		5	3	4		8	5	29	15
97	ZK59604	5		4	5	5		10	5	34	26
98	ZK59605	5	5		5	0		5	0	20	22
99	ZK59606	5	5		5		4	4	5	28	30
100	ZK59607	4	4		5		0	8	4	30	23
101	ZK59608	5		5	5		4	4	2	25	33
102	ZK59609	5		5		5	5	3	5	28	33
103	ZK59610		4	4		5	5	8	2	28	33
104	ZK59611		5	5		5	5	0	5	25	21
105	ZK59612		5	5		5	4	4	2	25	37
106	ZK59613		5	5		5	4	4	2	25	27
107	ZK59615	5		5	5		4	4	5	28	32
108	ZK59616	5		5	5		5	0	2	22	32
109	ZK59617	5	5		5		4	9	4	32	28
110	ZK59618		5	5	5	5		9	5	34	33
111	ZK59620		5	4	5	5		7	5	33	28
112	ZK59621	5		5	5		5	6	3	29	36
113	ZK59622	5	5		5		4	4	2	25	35
114	ZK59623	4	4		5		5	8	2	28	21
115	ZK59624	5		5		5	0	10	5	29	24
116	ZK59625	5		5		5	1	9	5	30	27
117	ZK59626		5	4	5		0	8	0	22	30
118	ZK59627		5	5	5	1		9	5	30	26
119	ZK59628	3		4	3	5		5	2	22	26
120	ZK59629		5	5	4	5		8	5	32	23
121	ZK59630	4		4	5		5	8	2	28	29
122	ZK59631	5	5		5		5	9	5	34	30
123	ZK59632	5	5			5	4	6	4	29	24



% of students secured >= Threshold marks	96.15	93.62	90.83	90.91	94.19	86.32					72.9
Attainment Level	3	3	3	3	3	3					2
Direct CO Attainment	2.2	2.2	2.2	2.2	2.2	2.2					
Indirect CO Attainment Level	2.15	2.17	2.21	2.17	2.1	2.15					
Total CO Attainment	2.2	2.2	2.2	2.2	2.19	2.2					
Average CO Attainment											2.2

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	39	38	35	41	45	41
Level 2	53	52	52	47	50	50
Level 3	63	65	68	67	60	64
Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.15	2.17	2.21	2.17	2.1	2.15

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		2			3	2	1	1	2	3	3	3
CO2	3		1	3	2	1	1	3				
CO3	1	2				1			2	2	3	3
CO4		3	2	1	2		2	1	2	1	2	2
CO5	2		1		1		2					3
CO6	1	1	3	2		1	3	1	1	2	3	2
Average PO Attainment	1.75	2	1.75	2	2	1.25	1.8	1.5	1.75	2	2.75	2.6
PO's Attainment at Course Level	1.28	1.47	1.28	1.47	1.47	0.92	1.32	1.1	1.28	1.47	2.02	1.91

Computation of CO Direct Attainment	
Course : FW&D	



Class: BBA III Yr. VI Sem. A.Y. 2020-21 Couse Code: XXXXI

Internal Assessment											External Assessment
Sr. No.	seat no.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	5	35	40
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZK59501	4		3	0		5	8	2	22	25
2	ZK59502		2	5		5	1	9	0	22	25
3	ZK59503	3	4			0	5	8	5	25	28
4	ZK59504		5	5	5		4	4	2	25	25
5	ZK59505	4		3	0	5		8	5	30	32
6	ZK59506	2		0		5	5	8	2	22	25
7	ZK59508	4	3		0	5		8	5	25	28
8	ZK59509	5	5		5	5		8	5	32	35
9	ZK59510	4		4	5		5	8	2	28	30
10	ZK59511		4	3		0	5	8	5	30	32
11	ZK59512		5	5	4	5		4	2	25	28
12	ZK59513	4		3		0	5	8	5	25	28
13	ZK59514	5	5			5	4	4	2	25	28
14	ZK59515	4	3		0		5	8	5	25	28
15	ZK59516	5	2		5		5	8	2	27	28
16	ZK59517	5		5		5	4	4	2	25	30
17	ZK59518		4	3		0	5	8	5	25	30
18	ZK59519		4	3	5	0		8	5	30	32
19	ZK59520		5	5	1	5		9	5	30	32
20	ZK59521	4		4		5	5	8	4	30	34
21	ZK59522	5	5			5	5	8	4	32	28
22	ZK59523	5	5			5	4	4	2	25	28
23	ZK59524	4		3	0		5	8	5	25	28
24	ZK59525		5	5	5		4	4	2	25	28
25	ZK59526		4	3	0		5	8	5	25	28
26	ZK59527		5	5	5	4		4	2	25	28
27	ZK59528	4		4	5	5		8	2	28	28

28	ZK59530	5	5			4	3	10	5	32	32
29	ZK59531	5	5		5	1		9	5	30	30
30	ZK59532	5	5		5	5		6	4	30	25
31	ZK59533	5		5	5		4	4	2	25	30
32	ZK59534		4	3	0	5		8	5	25	25
33	ZK59536		5	5	5	5		6	4	30	25
34	ZK59537		5	5	5	1		9	5	30	32
35	ZK59538	5		5		1	5	9	5	30	30
36	ZK59539	4	3			5	0	8	5	30	30
37	ZK59540	5	5			4	4	9	5	32	32
38	ZK59541	5	3		5	5		8	4	30	30
39	ZK59542	4		3	0	5		8	5	30	32
40	ZK59543		5	5	5	1		9	5	30	30
41	ZK59544	4		4	5		5	9	3	30	35
42	ZK59545	5	5		5		5	8	5	33	30
43	ZK59546	4		4		5	5	8	2	28	28
44	ZK59547	5		5		5	4	4	2	25	30
45	ZK59548		4	4	5	5		8	2	28	35
46	ZK59549		5	5		5	5	9	4	33	30
47	ZK59550		5	5		5	4	4	2	25	28
48	ZK59551	5		5	5		4	4	5	28	30
49	ZK59552	5		5	5		1	9	5	30	30
50	ZK59554	5	5		4		5	10	4	33	35
51	ZK59555	3		3		2	5	10	3	33	35
52	ZK59556	5		5		5	1	9	5	30	32
53	ZK59557		5	5	4	5		4	2	25	28
54	ZK59558	4		3		0	5	8	5	30	30
55	ZK59559	5	4			0	5	9	0	25	28
56	ZK59560	5	5		5		4	4	2	25	28
57	ZK59561	5		5	5		1	9	5	30	30
58	ZK59562		5	5	5		4	4	2	25	28
59	ZK59563		4	4	5	5		8	2	28	25
60	ZK59564	5		5	5	4		4	5	28	25
61	ZK59565	0		5	5	5		6	4	25	25
62	ZK59566	5	5		2	4		4	5	25	25

63	ZK59567	5	5		5	4		4	2	25	28
64	ZK59568	5	5		2		4	4	5	25	25
65	ZK54175	5		5	5		4	4	2	25	28
66	ZK59569		4	3		0	5	8	5	30	30
67	ZK59570		5	5		2	4	4	5	25	25
68	ZK59571	5		5		5	4	4	2	25	25
69	ZK59573	5		5	5		4	4	5	28	30
70	ZK59574	4	4		5	5		8	2	28	25
71	ZK59575	5	5		2	4		4	5	25	25
72	ZK59576	5	5		5	4		4	2	25	25
73	ZK59577	5		5	5		5	9	4	33	35
74	ZK59578		5	5		5	4	4	2	25	25
75	ZK59580		5	5		4	5	8	5	32	33
76	ZK59581	4		4	5		5	8	2	28	28
77	ZK59582	5	5		2		4	4	5	25	25
78	ZK59583	5		5	5		4	4	2	25	25
79	ZK59584		5	5	2	4		4	5	25	25
80	ZK59585		5	5	5	4		4	2	25	25
81	ZK59587		5	5	5	4		4	2	25	28
82	ZK59588	5		5	2		4	4	5	25	28
83	ZK59589		4	3	0		5	8	5	30	30
84	ZK59590	5	5		5		1	9	5	30	32
85	ZK59591		5	5		5	4	4	2	25	28
86	ZK59592		5	5	4	5		4	2	25	25
87	ZK59593	5		5		5	5	7	5	32	33
88	ZK59594	5		4		5	5	8	5	32	33
89	ZK59595	5	5		2		4	4	5	25	28
90	ZK59596		5	4	5		4	9	4	32	33
91	ZK59597	5	5		5	3		10	4	32	33
92	ZK59598	5	5		5	5		10	3	33	35
93	ZK59599	5		5	5	5		9	4	33	35
94	ZK59600	4		4	5		5	8	2	28	30
95	ZK59601	5	5		2		4	4	5	25	28
96	ZK59603	5	5			5	1	9	5	30	28
97	ZK59604	5		5	4	2		4	5	25	28

98	ZK59605	5		5		2	4	4	5	25	25
99	ZK59606		5	5		5	4	4	5	28	28
100	ZK59607		4	4	5		5	8	2	28	30
101	ZK59608		4	3	0		5	8	5	30	30
102	ZK59609	5		5	2		4	4	5	25	25
103	ZK59610	5		5	5		4	4	5	28	30
104	ZK59611	5	5		5		1	9	5	30	30
105	ZK59612	5	5			2	4	4	5	25	28
106	ZK59613	4	4			5	3	8	4	28	28
107	ZK59615	4		4		5	5	8	2	28	30
108	ZK59616		3	3	5	0		4	4	25	25
109	ZK59617		3	3	5	4		7	3	25	25
110	ZK59618	5	5			2	4	4	5	25	25
111	ZK59620		3	3		4	5	8	2	25	25
112	ZK59621		5	5		2	4	4	5	25	28
113	ZK59622	5		5	5		1	9	5	30	25
114	ZK59623	4		5	5		5	8	5	32	32
115	ZK59624	5	5		5		5	8	5	33	35
116	ZK59625	5	5		2	4		4	5	25	25
117	ZK59626		5	5	2	4		4	5	25	25
118	ZK59627	0	5		5	5		6	4	25	25
119	ZK59628	5	5			4	5	4	5	28	30
120	ZK59629	5		5		5	3	6	4	28	30
121	ZK59630	5		5	2	4		4	5	25	25
122	ZK59631		4	4	5	5		8	2	28	28
123	ZK59632		5	5	2	4		4	5	25	25
124	ZK59633		5	5	5		5	9	5	33	35
125	ZK59634	3	2		5		5	7	3	25	25
126	ZK59635	5	5			2	4	4	5	25	25
127	ZK59637		5	5		5	4	4	2	25	25
128	ZK59638		5	5		5	4	4	5	28	28
129	ZK59639		2	3	5		5	7	3	25	25
130	ZK59640	5		5	2		4	4	5	25	25
131	ZK59641	3		3	0		5	4	4	25	25
132	ZK59642	3	3			4	5	7	3	25	25

133	ZK59643		5	5	4	2		4	5	25	25
134	ZK59644	3	3			4	5	8	2	25	25
135	ZK59645		5	5	5		1	9	5	30	32
136	ZK59646		3	2	5	5		7	3	25	25
137	ZK59647		3	4	0	5		8	5	30	30
138	ZK59648	5	5		5	1		9	5	28	30
139	ZK59649	5	5		2		4	4	5	25	25
140	ZK59650	5	5		2		4	4	5	25	25
141	ZK59651	5		5		5	4	4	4	25	25
142	ZK59652	5		5		5	4	4	5	28	30
143	ZK59653	5		5	5		4	4	5	28	30
144	ZK59654		4	4	5	5		8	2	28	30
145	ZK59655		5	5	2	4		4	5	25	25
146	ZK59656		5	5	5	4		4	5	28	30
147	ZK59657		5	0	5		5	7	3	25	25
148	ZK59658	5	5		2		4	4	5	25	25
149	ZK59586	5	5			0	5	6	4	25	32
150	ZK59579	3	4			0	5	8	5	30	32
151	ZK59535		5	5		5	1	9	5	30	25
152	ZK59507		5	5	2		4	4	5	25	25
153	ZK59614		3	3	4	5		8	2	25	25
154	ZK59529	5		5	2	4		4	5	25	25
155	ZK59530	3		3	4		5	8	2	25	25
<b>No. of Students Attempted</b>		97	105	104	91	92	103				155
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		88	89	81	70	77	90				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											113
<b>% of students secured &gt;= Threshold marks</b>		90.72	84.76	77.88	76.92	83.7	87.38				72.9
<b>Attainment Level</b>		3	3	2	2	3	3				2
<b>Direct CO Attainment</b>		2.2	2.2	2	2	2.2	2.2				
<b>Indirect CO Attainment Level</b>		2.2 3	2.2 1	2.2 3	2.1 3	2.1 4	2.1				
<b>Total CO Attainment</b>		2.2	2.2	2.0 2	2.0 1	2.1 9	2.1 9				
<b>Average CO Attainment</b>											2.14

**Computation of Indirect CO's Attainment**

Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	31	33	32	44	42	45
Level 2	57	57	55	47	50	50
Level 3	67	65	68	64	63	60
Total no. of students participated	155	155	155	155	155	155
CO Attainment Level	2.23	2.21	2.23	2.13	2.14	2.1

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		1			3	2	2	1	2	1	3	3
CO2	2		1	3	2	1	1	3				
CO3	1	2				2			3	2	1	
CO4		3	2	2	2		2	1	2	1	2	2
CO5	2		1		1		2					3
CO6	1	1	1	2	2	1	3	2	1	2	3	2
Average PO Attainment	1.5	1.75	1.25	2.33	2	1.5	2	1.75	2	1.5	2.25	2.5
PO's Attainment at Course Level	1.07	1.25	0.89	1.66	1.43	1.07	1.43	1.25	1.43	1.07	1.61	1.78

Computation of CO Direct Attainment											
Course : QE2											
Class: BBA III Yr. VI Sem.      A.Y. 2020-21      Course Code: XXXXI											
Internal Assessment											External Assessment
Sr. No.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	seat no.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	5	35	40
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				

1	ZK59501	1		3	0	5		8	5	22	30
2	ZK59502		5	3	0		1	8	5	22	32
3	ZK59503	3	4			0	5	8	5	25	20
4	ZK59504		4	4		5	5	8	2	28	31
5	ZK59505	5		5	5		1	9	5	30	29
6	ZK59506	0	2			5	5	8	2	22	33
7	ZK59508		3	4	0		5	8	5	25	24
8	ZK59509	5	5		5	1		9	5	30	31
9	ZK59510	5		5	5	4		4	2	25	23
10	ZK59511	4		3		5	0	8	5	30	29
11	ZK59512		4	3		5	0	8	5	25	30
12	ZK59513		2	5		5	5	0	5	22	28
13	ZK59514		5	3	5	0		5	2	20	23
14	ZK59515	0		2	5	5		8	2	22	24
15	ZK59516	3	4		5		5	8	3	28	18
16	ZK59517	0	2		5		5	8	2	22	21
17	ZK59518	4	4			5	5	8	2	28	25
18	ZK59519	4		3		0	5	8	5	30	22
19	ZK59520	5		5	1	5		9	5	30	28
20	ZK59521		5	5	5	2		10	5	32	24
21	ZK59522		5	5	4	5		4	2	25	32
22	ZK59523		4	4		4	0	8	0	20	27
23	ZK59524	0		4		0	4	8	4	20	20
24	ZK59525	5		5	5		4	4	2	25	28
25	ZK59526	4	3		0		5	8	5	25	20
26	ZK59527		5	5	5		4	4	2	25	29
27	ZK59528		5	5	2	5		10	5	32	24
28	ZK59530	5	5		5	5		8	4	32	22
29	ZK59531	5	4			5	5	10	3	32	31
30	ZK59532	4		3		5	0	8	5	25	23
31	ZK59533	0		2		5	5	8	2	22	26
32	ZK59534	4		4	5	5		8	2	28	23
33	ZK59536	4	3		0	5		8	5	30	29
34	ZK59537	5	5		5		1	9	5	30	32
35	ZK59538	4	5		4		5	9	5	32	26

36	ZK59539	4	3		0		5	8	5	30	31
37	ZK59540	5		5	5		1	9	5	30	27
38	ZK59541	5		5		5	4	4	5	28	28
39	ZK59542		5	5		5	5	9	5	34	36
40	ZK59543		4	3	5	0		8	5	25	28
41	ZK59544	2	0			5	5	8	2	22	31
42	ZK59545		5	5		5	4	4	5	28	27
43	ZK59546		4	4	5		5	8	5	32	26
44	ZK59547	5		5	0		5	8	5	28	19
45	ZK59548	4		3	0		5	8	5	25	28
46	ZK59549	5		5	0		5	8	5	28	27
47	ZK59550	5	5		5		4	4	5	28	26
48	ZK59551	5	5		5	2		10	4	32	26
49	ZK59552		5	5	5	5		9	5	34	23
50	ZK59554	4	4			5	5	8	2	28	29
51	ZK59555	3		3		5	2	7	2	22	30
52	ZK59556	5		4		5	5	8	5	32	30
53	ZK59557		5	5		5	0	8	5	28	28
54	ZK59558		5	5	5	4		4	2	25	29
55	ZK59559	5	5		5	5		8	5	32	26
56	ZK59560		4	3	0	5		8	5	25	31
57	ZK59561		4	4	5		5	8	2	28	19
58	ZK59562	5		5	5		4	4	5	28	23
59	ZK59563	5		4		3	5	4	4	25	31
60	ZK59564	4	3			0	5	8	5	25	29
61	ZK59565	5	5			5	4	4	2	25	27
62	ZK59566		5	5	4	5		4	5	28	18
63	ZK59567		2	0	5	5		8	2	22	24
64	ZK59568	5	5		1	5		9	5	30	29
65	ZK54175	5	5			5	4	4	2	25	28
66	ZK59569	0		2		5	5	8	2	22	26
67	ZK59570	4		3		0	5	8	5	30	25
68	ZK59571	5		5	5		1	9	5	30	29
69	ZK59573		1	3	0		5	8	5	22	29
70	ZK59574		5	3	0		1	8	5	22	32



71	ZK59575	5	5		5		5	9	5	34	28
72	ZK59576		4	3	0		5	8	5	25	23
73	ZK59577		5	5	5	5		8	5	32	26
74	ZK59578	5		5	5	4		4	2	25	26
75	ZK59580	4		4		5	5	2	0	20	26
76	ZK59581	0		2		5	5	8	2	22	29
77	ZK59582	5	5			4	5	4	2	25	24
78	ZK59583	4	3			5	0	8	5	25	18
79	ZK59584		5	5	5	4		4	2	25	28
80	ZK59585	4	3		0	5		8	5	25	28
81	ZK59587	5	5		5		5	8	5	32	27
82	ZK59588	5		5	5		1	9	5	30	26
83	ZK59589	2		0	5		5	8	2	20	28
84	ZK59590	2	0		5		5	8	2	20	24
85	ZK59591	4	3			0	5	8	5	30	30
86	ZK59592		5	5		5	5	6	4	28	25
87	ZK59593		3	4	5	0		8	5	25	23
88	ZK59594	5	5		5	5		8	4	32	26
89	ZK59595	5	5		5	5		8	5	32	30
90	ZK59596	5		5		5	5	8	5	32	29
91	ZK59597	5		5		5	5	8	5	32	28
92	ZK59598		5	5		5	5	8	5	32	25
93	ZK59599		5	5	5		5	9	5	34	25
94	ZK59600	5	5		5		4	4	5	28	22
95	ZK59601	5	5		5		4	4	2	25	29
96	ZK59603		4	3	0		5	8	5	30	30
97	ZK59604		5	5	5	4		4	2	25	26
98	ZK59605	2		0	5	5		8	2	20	29
99	ZK59606	4		4		5	5	8	2	28	25
100	ZK59607		5	5		4	5	4	5	28	30
101	ZK59608		5	5		5	5	8	5	32	28
102	ZK59609	0	2		5	5		8	2	20	29
103	ZK59610		4	4	5	5		8	2	28	29
104	ZK59611		5	5	5	5		8	5	32	30
105	ZK59612	5		5	5	4		4	2	25	23

106	ZK59613	5		5	5		1	9	5	30	30
107	ZK59615	5	5		5		4	4	5	28	28
108	ZK59616	5	3		0		1	8	5	22	33
109	ZK59617		5	5	5		4	4	2	25	26
110	ZK59618		4	4		3	4	7	3	25	26
111	ZK59620	5	5			5	4	4	2	25	26
112	ZK59621	4	4		4	3		7	3	25	20
113	ZK59622	4	3		5	0		8	5	30	24
114	ZK59623	5		5		5	5	9	4	32	31
115	ZK59624	5		5		5	5	9	5	34	29
116	ZK59625		0	5	0		6	4	5	20	28
117	ZK59626		4	4	5		5	8	2	28	20
118	ZK59627	5	0		5	5		6	4	25	25
119	ZK59628	5	5		5	4		4	5	28	26
120	ZK59629	5	5			5	5	6	4	25	29
121	ZK59630		4	4	4	3		5	5	25	18
122	ZK59631		4	4	5	5		8	2	28	28
123	ZK59632	5		5	5		2	2	3	22	32
124	ZK59633	5		5		4	5	9	4	33	20
125	ZK59634	5		5	4	5		4	5	28	31
126	ZK59635		5	5		5	2	3	5	25	30
127	ZK59637		4	4		4	4	4	5	25	20
128	ZK59638	5	5		5		2	3	5	25	30
129	ZK59639		5	5	5		2	3	2	22	20
130	ZK59640		4	4	5	5		8	2	28	30
131	ZK59641	5		5	5	5		0	5	25	31
132	ZK59642	5		5		0	5	5	5	25	29
133	ZK59643	5	0		5	5		5	5	25	31
134	ZK59644	5	5		5		4	4	5	28	31
135	ZK59645	5	5		5		5	8	4	32	28
136	ZK59646	5		5		5	5	0	5	25	17
137	ZK59647	5		5	0	3		9	5	32	26
138	ZK59648		5	5		5	4	4	5	28	32
139	ZK59649		5	5	5		5	0	5	25	25
140	ZK59650	5	5		5		5	0	5	25	31

141	ZK59651		5	5		5	5	2	3	25	30
142	ZK59652		5	5		0	5	8	5	28	26
143	ZK59653	5		5	5	0		8	5	28	27
144	ZK59654	5		5		5	4	4	5	28	27
145	ZK59655	5	5		2		4	4	5	25	25
146	ZK59656	3	3		4	5		8	2	25	29
147	ZK59657		5	5	5	5		0	5	25	29
148	ZK59658	3	3			5	4	8	2	25	21
149	ZK59586	5	5		5	1		9	5	30	26
150	ZK59579	4		4	5		5	8	2	28	26
151	ZK59535	5		5		0	5	5	2	22	29
152	ZK59507	3	3			0	5	4	5	20	27
153	ZK59614	5	5			2	4	4	5	25	30
154	ZK59529	2		0	3		5	8	2	20	29
155	ZK59530	5		5	5		5	0	5	25	26
<b>No. of Students Attempted</b>		95	100	98	80	91	100				155
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		83	80	78	75	81	86				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											113
<b>% of students secured &gt;= Threshold marks</b>		87.37	80	79.59	93.75	89.01	86				72.9
<b>Attainment Level</b>		3	3	2	3	3	3				2
<b>Direct CO Attainment</b>		2.2	2.2	2	2.2	2.2	2.2				
<b>Indirect CO Attainment Level</b>		2.25	2.18	2.18	2.15	2.14	2.1				
<b>Total CO Attainment</b>		2.21	2.2	2.02	2.2	2.19	2.19				
<b>Average CO Attainment</b>											2.17

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	30	35	36	41	45	42
<b>Level 2</b>	57	57	55	50	50	50
<b>Level 3</b>	68	63	64	64	60	63
<b>Total no. of students participated</b>	155	155	155	155	155	155
<b>CO Attainment Level</b>	2.25	2.18	2.18	2.15	2.1	2.14

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		1	1		1	2		1	1	1	3	1
CO2	2		1	3	2	1	1					
CO3	1	2				2		2	3	2	1	2
CO4	3	1	2	1	2		2	1	2	1	2	2
CO5	2		1		1	1	2			3		3
CO6	1	1	1	2	2	1	3	2	1	2	2	2
Average PO Attainment	1.8	1.25	1.2	2	1.6	1.4	2	1.5	1.75	1.8	2	2
PO's Attainment at Course Level	1.3	0.9	0.87	1.45	1.16	1.01	1.45	1.09	1.27	1.3	1.45	1.45

Computation of CO Direct Attainment													
Course : SEC2													
Class: BBA III Yr. VI Sem.      A.Y. 2020-21      Course Code: XXXXI													
Internal Assessment											External Assessment		
Sr. No.				Test-I (10)(Any Two)			Test -II (10)Any Two)			Seminar	Assignment	Total	Marks
	seat no.			Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	5	35	40
				CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	ZK59501			2		2	0		5	8	2	19	19
2	ZK59502				5	5	2	0		6	3	21	21
3	ZK59503				3	0	3	5		5	0	16	16
4	ZK59504			4		3	2	4		0	3	16	16
5	ZK59505			4		3	0		5	8	5	25	25
6	ZK59506			5	3		5		0	5	2	20	20
7	ZK59508			4	3			2	4	0	3	16	16
8	ZK59509			4	3			0	5	8	5	25	25
9	ZK59510			5		5		5	4	4	2	25	25
10	ZK59511				4	3		2	4	0	3	26	26
11	ZK59512				4	4	0	0		8	4	20	20

12	ZK59513		2	2	2	2		6	3	17	17
13	ZK59514		3	0	5	3		5	0	16	16
14	ZK59515	4		3		2	4	0	3	16	16
15	ZK59516	2		2		0	5	8	2	19	19
16	ZK59517	5	3			5	0	5	2	20	20
17	ZK59518	4	3		0		5	8	5	25	25
18	ZK59519	2		2	0		5	8	2	19	19
19	ZK59520	5		5	5		4	4	2	25	25
20	ZK59521		4	3	0		5	8	5	25	25
21	ZK59522		5	3	5	0		5	2	20	20
22	ZK59523		3	0	3	5		5	0	16	16
23	ZK59524	4		3	2	4		0	3	16	16
24	ZK59525	3		3		0	0	8	2	16	16
25	ZK59526	4	4			0	5	8	2	21	21
26	ZK59527		5	0		4	4	4	4	21	21
27	ZK59528		3	4		5	0	8	5	25	25
28	ZK59530	5	5		5	4		4	2	25	25
29	ZK59531	4	3		0	5		8	5	25	25
30	ZK59532	2		2	2	2		7	3	18	18
31	ZK59533	1		3	2		5	5	0	16	16
32	ZK59534		5	3	5		0	5	2	20	20
33	ZK59536		5	5	5		4	4	2	25	25
34	ZK59537	3	4			0	5	8	5	25	25
35	ZK59538	5	5			5	4	4	2	25	25
36	ZK59539		4	3		0	5	8	5	25	25
37	ZK59540		5	5		5	0	4	0	19	19
38	ZK59541	5		5	4	5		4	2	25	25
39	ZK59542	4		3	5	0		8	5	25	25
40	ZK59543	5		5	0	5		4	0	19	19
41	ZK59544	4	4			0	0	8	4	20	20
42	ZK59545	0	4			0	2	6	4	16	16
43	ZK59546		5	5		5	4	4	2	25	25
44	ZK59547	4	3		0		5	8	5	25	25
45	ZK59548	5		5	5		4	4	2	25	25
46	ZK59549	5		5	5	4		4	2	25	25

47	ZK59550	4	3		0	5		8	5	25	25
48	ZK59551	0	3		5	5		6	4	23	23
49	ZK59552		5	5		4	5	4	2	25	25
50	ZK59554		3	4		5	0	8	5	25	25
51	ZK59555	5	5		5	0		4	0	19	19
52	ZK59556	4	4		0	0		8	4	20	20
53	ZK59557	2		0	5		5	8	2	20	20
54	ZK59558	0		4	5		5	5	2	21	21
55	ZK59559	4		3	0		5	8	5	25	25
56	ZK59560		5	4	5		2	0	0	16	16
57	ZK59561		4	4		5	0	8	2	21	21
58	ZK59562		4	3		0	5	8	5	25	25
59	ZK59563	4	5			5	2	0	0	16	16
60	ZK59564	3	4		5	0		8	5	25	25
61	ZK59565		5	4	4	5		0	5	23	23
62	ZK59566		2	0		5	5	8	2	20	20
63	ZK59567		4	5		0	3	5	0	17	17
64	ZK59568	5		4		3	2	0	3	17	17
65	ZK54175	5		4	5		2	0	0	16	16
66	ZK59569	5		5	5		0	4	0	19	19
67	ZK59570	4	3		0		5	8	5	25	25
68	ZK59571	0	4		4		0	8	3	19	19
69	ZK59573		4	5	5		2	0	0	16	16
70	ZK59574		4	4	5	0		8	2	21	21
71	ZK59575	4	3		0	5		8	5	25	25
72	ZK59576	5	4		5	2		0	0	16	16
73	ZK59577	4	3		0	5		8	5	25	25
74	ZK59578	1		5		4	5	4	4	23	23
75	ZK59580	3		3		0	0	8	2	16	16
76	ZK59581	5		4		2	5	0	0	16	16
77	ZK59582		5	5		0	5	4	0	19	19
78	ZK59583		2	0	5	5		8	2	20	20
79	ZK59584		4	3	0	5		8	5	25	25
80	ZK59585	4	2		0	4		4	2	16	16
81	ZK59587	4	2		1		4	4	2	17	17

82	ZK59588	4	5		5		5	6	0	25	25
83	ZK59589		5	4	3		5	6	0	23	23
84	ZK59590		1	1		2	2	7	3	16	16
85	ZK59591		4	2		0	2	4	4	16	16
86	ZK59592		5	5		5	4	4	2	25	25
87	ZK59593	4		3	5	0		8	5	25	25
88	ZK59594	5		4	5	5		6	0	25	25
89	ZK59595	5		5	4	5		4	2	25	25
90	ZK59596	5		4	5	5		6	0	25	25
91	ZK59597	4		4		5	5	6	0	24	24
92	ZK59598	5	4			5	5	6	0	25	25
93	ZK59599	0	5			3	4	4	0	16	16
94	ZK59600	5	5			5	4	4	2	25	25
95	ZK59601	2	0		5		5	8	2	20	20
96	ZK59603	5	5		5		0	4	0	19	19
97	ZK59604		5	0	3		4	4	0	16	16
98	ZK59605		2	2	2		2	7	3	18	18
99	ZK59606		0	3	5	5		8	2	23	23
100	ZK59607	4	4		5	0		8	2	21	21
101	ZK59608	5	5		5	4		4	2	25	25
102	ZK59609	5	5			4	5	4	2	25	25
103	ZK59610	5	5			5	5	0	5	25	25
104	ZK59611	5	5			4	5	4	2	25	25
105	ZK59612	5		0		4	5	6	5	25	25
106	ZK59613	4		4	0	5		8	3	24	24
107	ZK59615		5	4	5	2		0	0	16	16
108	ZK59616		5	5	5		5	0	2	22	22
109	ZK59617		2	0	5		5	8	2	20	20
110	ZK59618	4	4		5		0	8	2	21	21
111	ZK59620	0	2			5	5	7	3	22	22
112	ZK59621	5	5			5	4	4	2	25	25
113	ZK59622	5	5		4	5		4	2	25	25
114	ZK59623		4	4	2	2		4	0	16	16
115	ZK59624		5	5	3	3		0	5	21	21
116	ZK59625		4	4		5	0	8	2	21	21

117	ZK59626	5		5		5	4	4	2	25	25
118	ZK59627	5		5		5	5	0	5	25	25
119	ZK59628	4		2	0		2	4	4	16	16
120	ZK59629	5		5	5		4	4	2	25	25
121	ZK59630	5		4	5		2	0	0	16	16
122	ZK59631	5	3		0	5		8	3	25	25
123	ZK59632	2	2		2	2		7	3	18	18
124	ZK59633		2	4	0	2		4	4	16	16
125	ZK59634		4	4		1	0	5	3	17	17
126	ZK59635	1	3			2	2	7	3	18	18
127	ZK59637	5	5			2	5	0	5	22	22
128	ZK59638	5		5	5	4		4	2	25	25
129	ZK59639	1		3	2	2		7	3	18	18
130	ZK59640	2		2	2	2		7	3	18	18
131	ZK59641	4		2	0		2	4	4	16	16
132	ZK59642	5		5	5		4	4	2	25	25
133	ZK59643		5	4		5	5	9	2	25	25
134	ZK59644		5	5		5	5	0	3	23	23
135	ZK59645		2	0	5	5		8	2	20	20
136	ZK59646	1	1		2	2		7	3	16	16
137	ZK59647	2	4		2	0		4	4	16	16
138	ZK59648		5	5		5	0	4	0	19	19
139	ZK59649		5	5		3	3	0	5	21	21
140	ZK59650	4		2	0		2	4	4	16	16
141	ZK59651	5		5	4		4	4	2	24	24
142	ZK59652	5		5	5		4	4	2	25	25
143	ZK59653	0	4		5		4	4	0	17	17
144	ZK59654	5	5		3	3		0	5	21	21
145	ZK59655	1	1		2	2		7	3	16	16
146	ZK59656		5	5		3	3	0	5	21	21
147	ZK59657		5	5		4	5	4	2	25	25
148	ZK59658		0	5	3	5		0	4	17	17
149	ZK59586		0	2	5	5		8	2	20	20
150	ZK59579	5	5		3	3		0	5	21	21
151	ZK59535	4	2		0		2	4	4	16	16



152	ZK59507	2	0		5		5	8	2	20	20
153	ZK59614	5	5			5	4	4	2	25	25
154	ZK59529	5		3		5	0	5	2	20	20
155	ZK59530	5		5		5	4	4	2	25	25
<b>No. of Students Attempted</b>		<b>95</b>	<b>102</b>	<b>90</b>	<b>73</b>	<b>89</b>	<b>82</b>				<b>155</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (80%=4Marks)</b>		<b>75</b>	<b>68</b>	<b>57</b>	<b>50</b>	<b>62</b>	<b>64</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=32 Marks)</b>											<b>113</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>78.95</b>	<b>66.67</b>	<b>63.33</b>	<b>68.49</b>	<b>69.66</b>	<b>78.05</b>				<b>72.9</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.19</b>	<b>2.15</b>	<b>2.17</b>	<b>2.1</b>	<b>2.09</b>	<b>2.12</b>				
<b>Total CO Attainment</b>		<b>2.02</b>	<b>2.02</b>	<b>2.02</b>	<b>2.01</b>	<b>2.01</b>	<b>2.01</b>				
<b>Average CO Attainment</b>											<b>2.02</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>52</b>	<b>40</b>	<b>38</b>	<b>45</b>	<b>46</b>	<b>44</b>
<b>Level 2</b>	<b>51</b>	<b>52</b>	<b>53</b>	<b>50</b>	<b>49</b>	<b>48</b>
<b>Level 3</b>	<b>62</b>	<b>63</b>	<b>64</b>	<b>60</b>	<b>60</b>	<b>63</b>
<b>Total no. of students participated</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>
<b>CO Attainment Level</b>	<b>2.19</b>	<b>2.15</b>	<b>2.17</b>	<b>2.1</b>	<b>2.09</b>	<b>2.12</b>

Computation of CO Direct Attainment											
Course :BPSM											
Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ18801		2	2	2		2	20	10	38	25
2	VZ18802		2	3		5	5	20	10	45	28
3	VZ18803		2	3		5	5	20	10	45	26
4	VZ18804		2	3		2	3	20	10	40	26
5	VZ18805		2	3		3	2	20	10	40	25
6	VZ18806	4		4		5	5	20	10	48	27
7	VZ18807	2		3	5		5	20	10	45	26
8	VZ18808	1	1		1		2	20	10	35	26
9	VZ18809	4	4		5	5		20	10	48	28
10	VZ18810	2	3		5	5		20	10	45	27
11	VZ18811	2	2		2	2		20	10	38	28
12	VZ18812	2		3	5	5		20	10	45	25
13	VZ18813	2		2	2	2		20	10	38	24
14	VZ18814		5	3	2		5	20	10	45	25
15	VZ18815		2	2	2		2	20	10	38	26
16	VZ18816		2	2	2		2	20	10	38	26



% of students secured >= Threshold marks	40 .9 1	40 .7 4	40	40 .9 1	48	40 .7 4					83.78
Attainment Level	1	1	1	1	1	1					3
Direct CO Attainment	2. 6	2. 6	2. 6	2. 6	2. 6	2. 6					
Indirect CO Attainment Level	2. 3	2. 35	2. 43	2. 62	2. 46	2. 54					
Total CO Attainment	2. 57	2. 58	2. 58	2. 6	2. 59	2. 93					
Average CO Attainment											2.64

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	8	7	6	2	5	4
Level 2	10	10	9	10	10	9
Level 3	19	20	22	25	22	24
Total no. of students participated	37	37	37	37	37	37
CO Attainment Level	2.3	2.35	2.43	2.62	2.46	2.54

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1		2	1		2	3	1	2	2

CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.23</b>	<b>1.76</b>	<b>1.76</b>	<b>1.58</b>	<b>1.58</b>	<b>1.94</b>	<b>1.54</b>	<b>1.76</b>	<b>2.29</b>	<b>1.23</b>	<b>1.58</b>	<b>1.76</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :BSM</b>												
<b>Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	50		
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6					
1	VZ18721		2	2		2	2	20	10	38	29	
2	VZ18722	1	1		1	2		20	10	35	25	
<b>No. of Students Attempted</b>		<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>2</b>		

In External Assessment No. of Students Secured $\geq$ Threshold marks (50%=25 Marks)													0
% of students secured $\geq$ Threshold marks	0	0	0	0	0	0							0
Attainment Level	FA LS E	FA LS E	FA LS E	FA LS E	FA LS E	FA LS E							FALSE
Direct CO Attainment	0	0	0	0	0	0							
Indirect CO Attainment Level	0	0	0	0	0	0							
Total CO Attainment	0	0	0	0	0	2.93							
Average CO Attainment													0.49

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	0	1	1	0	0	1
Level 2	1	0	1	1	1	1
Level 3	1	1	0	1	1	0
Total no. of students participated	2	2	2	2	2	2
CO Attainment Level	2.5	2	1.5	2.5	2.5	1.5

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1		2	1		2	3	1	2	2

CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.23</b>	<b>0.33</b>	<b>0.33</b>	<b>0.29</b>	<b>0.29</b>	<b>0.36</b>	<b>0.29</b>	<b>0.33</b>	<b>0.42</b>	<b>0.23</b>	<b>0.29</b>	<b>0.33</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :BE</b>												
<b>Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)					
		CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ18801		3	1	2	2		20	10	38	25	
2	VZ18802		5	3	2	5		20	10	45	30	
3	VZ18803		5	2	3	5		20	10	45	28	
4	VZ18804		3	2	3	2		20	10	40	30	
5	VZ18805	2		3	2	3		20	10	40	35	
6	VZ18806	5	3		5		5	20	10	48	30	
7	VZ18807	2	3		5		5	20	10	45	25	

8	VZ18808	1	2			1	1	20	10	3 5	25
9	VZ18809	5	4			5	4	20	10	4 8	29
10	VZ18810	2	3			5	5	20	10	4 5	28
11	VZ18811	3		1		2	2	20	10	3 8	25
12	VZ18812	2		3		5	5	20	10	4 5	26
13	VZ18813		3	1		2	2	20	10	3 8	25
14	VZ18814		2	3	5		5	20	10	4 5	28
15	VZ18815		3	1	2	2		20	10	3 8	28
16	VZ18816		3	1	2	2		20	10	3 8	27
17	VZ18817	2		3	5	2		20	10	4 2	27
18	VZ18818	2		3	5	5		20	10	4 5	28
19	VZ18819	3	2		3	2		20	10	4 0	25
20	VZ18820	5	2		3		5	20	10	4 5	28
21	VZ18821	2	3		5		2	20	10	4 2	26
22	VZ18822	2	3			5	5	20	10	4 5	27
23	VZ18828	1	1			1	2	17	10	3 2	26
24	VZ18829	1		1		1	1	16	10	3 0	25
25	VZ18835		0	1		1	3	20	10	3 5	28
26	VZ18836		2	0		1	2	15	10	3 0	27
27	VZ18837		3	1	2		2	20	10	3 8	26
28	VZ18838		2	3	5	5		20	10	4 5	25
29	VZ18839		2	3	5	5		20	10	4 5	29
30	VZ18840	5		5	4	4		20	10	4 8	28
31	VZ18841	3		3	2	2		20	10	4 0	25
32	VZ18842	3	1		2		2	20	10	3 8	27



33	VZ18843	2	3		5		5	20	10	4 5	25
34	VZ18844	2	3			5	5	20	10	4 5	26
35	VZ18845	3	2			3	2	20	10	4 0	29
36	VZ18846	3		2		3	2	20	10	4 0	26
37	VZ68852	2		3		5	2	10	8	3 0	25
<b>No. of Students Attempted</b>		<b>24</b>	<b>27</b>	<b>23</b>	<b>22</b>	<b>29</b>	<b>23</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>37</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>12</b>	<b>10</b>	<b>12</b>	<b>13</b>	<b>11</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>41 .6 7</b>	<b>44 .4 4</b>	<b>43 .4 8</b>	<b>54 .5 5</b>	<b>44 .8 3</b>	<b>47 .8 3</b>				<b>89.19</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 35</b>	<b>2. 38</b>	<b>2. 49</b>	<b>2. 59</b>	<b>2. 46</b>	<b>2. 51</b>				
<b>Total CO Attainment</b>		<b>2. 58</b>	<b>2. 58</b>	<b>2. 59</b>	<b>2. 6</b>	<b>2. 59</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>2.65</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>4</b>
<b>Level 2</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>11</b>	<b>10</b>	<b>10</b>
<b>Level 3</b>	<b>20</b>	<b>21</b>	<b>23</b>	<b>24</b>	<b>22</b>	<b>23</b>





<b>CO Attainment Level</b>	<b>2</b>	<b>2.5</b>	<b>2</b>	<b>1.5</b>	<b>2.5</b>	<b>1.5</b>
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<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.23</b>	<b>0.33</b>	<b>0.33</b>	<b>0.29</b>	<b>0.29</b>	<b>0.36</b>	<b>0.29</b>	<b>0.33</b>	<b>0.42</b>	<b>0.23</b>	<b>0.29</b>	<b>0.33</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :MCCL</b>												
<b>Class: MBA II Sem.-III      A.Y. 2017-18      Couse Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>	<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6					

1	VZ18801	2		2		2	2	20	10	3 8	38
2	VZ18802		5	2		3	5	20	10	4 5	45
3	VZ18803		2	3		5	5	20	10	4 5	45
4	VZ18804		2	3		2	3	20	10	4 0	40
5	VZ18805		3	2		3	2	20	10	4 0	40
6	VZ18806		5	5		4	4	20	10	4 8	48
7	VZ18807	5		3	5		2	20	10	4 5	45
8	VZ18808	1	1		2		2	20	10	3 5	35
9	VZ18809	5	5		4	4		20	10	4 8	48
10	VZ18810	5	3		5	2		20	10	4 5	45
11	VZ18811	0	3		2	3		20	10	3 8	38
12	VZ18812	2	3		5	5		20	10	4 5	45
13	VZ18813	0		3	2	3		20	10	3 8	38
14	VZ18814	2		3	5	5		20	10	4 5	45
15	VZ18815		0	3	2	3		20	10	3 8	38
16	VZ18816		0	3	2		3	20	10	3 8	38
17	VZ18817		3	2	2		5	20	10	4 2	42
18	VZ18818		2	3		5	5	20	10	4 5	45
19	VZ18819		3	2		3	2	20	10	4 0	40
20	VZ18820		2	3		5	5	20	10	4 5	45
21	VZ18821	2		3		3	4	20	10	4 2	42
22	VZ18822	5		3		2	5	20	10	4 5	45
23	VZ18828	5	3			2	5	0	10	2 5	25
24	VZ18829	2	3		5		5	0	10	2 5	25
25	VZ18835	2	3		2		3	15	10	3 5	35

26	VZ18836	0	0		3	2		10	10	3 0	30
27	VZ18837	0	3		2	3		20	10	3 8	38
28	VZ18838	5		3	5	2		20	10	4 5	45
29	VZ18839	5		3	5	2		20	10	4 5	45
30	VZ18840		5	5	4	4		20	10	4 8	48
31	VZ18841		3	2	3		2	20	10	4 0	40
32	VZ18842		0	3	2		3	20	10	3 8	38
33	VZ18843		2	3		5	5	20	10	4 5	45
34	VZ18844		2	3		5	5	20	10	4 5	45
35	VZ18845	3		2		3	2	20	10	4 0	40
36	VZ18846	3	2			3	2	20	10	4 0	40
37	VZ68852	5	3			2	5	0	10	2 5	25
<b>No. of Students Attempted</b>		<b>21</b>	<b>28</b>	<b>25</b>	<b>20</b>	<b>29</b>	<b>25</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>37</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>15</b>	<b>16</b>	<b>11</b>	<b>18</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>47 .6 2</b>	<b>53 .5 7</b>	<b>64</b>	<b>55</b>	<b>62 .0 7</b>	<b>56</b>				<b>89.19</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2. 6</b>	<b>2. 6</b>	<b>2. 8</b>	<b>2. 6</b>	<b>2. 8</b>	<b>2. 6</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 32</b>	<b>2. 35</b>	<b>2. 49</b>	<b>2. 57</b>	<b>2. 49</b>	<b>2. 46</b>				
<b>Total CO Attainment</b>		<b>2. 57</b>	<b>2. 58</b>	<b>2. 77</b>	<b>2. 6</b>	<b>2. 77</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>2.7</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6

<b>Level 1</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Level 2</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>10</b>
<b>Level 3</b>	<b>20</b>	<b>21</b>	<b>23</b>	<b>24</b>	<b>22</b>	<b>22</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.35</b>	<b>2.49</b>	<b>2.57</b>	<b>2.49</b>	<b>2.46</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.26</b>	<b>1.8</b>	<b>1.8</b>	<b>1.62</b>	<b>1.62</b>	<b>1.98</b>	<b>1.58</b>	<b>1.8</b>	<b>2.34</b>	<b>1.26</b>	<b>1.62</b>	<b>1.8</b>

<b>Computation of CO Direct Attainment</b>
<b>Course OR</b>

**Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:**

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ18801	2	2		2		2	20	10	38	27
2	VZ18802	2	3			5	5	20	10	45	30
3	VZ18803	2	3			5	5	20	10	45	29
4	VZ18804	3	2			3	2	20	10	40	28
5	VZ18805	3	2			3	2	20	10	40	30
6	VZ18806	5		4		5	4	20	10	48	30
7	VZ18807	2		3		5	5	20	10	45	33
8	VZ18808		2	3		5	5	10	10	35	30
9	VZ18809		2	2	2	2		20	10	38	31
10	VZ18810		2	3	5	5		20	10	45	30
11	VZ18811		2	2	2	2		20	10	38	34
12	VZ18812		5	3	5	2		20	10	45	27
13	VZ18813	2		2	2	2		20	10	38	30
14	VZ18814	2		3	5	5		20	10	45	31
15	VZ18815	2	2		2		2	20	10	38	29
16	VZ18816	2	2		2		2	20	10	38	30
17	VZ18817	5	0			5	2	10	10	32	30
18	VZ18818	2	3			5	5	20	10	45	25



19	VZ18819	3	2			3	2	20	10	4 0	26
20	VZ18820	5		3		5	2	20	10	4 5	29
21	VZ18821	2		3		5	3	20	10	4 2	29
22	VZ18822		3	2	5		5	20	10	4 5	30
23	VZ18828		3	2	5	3		20	10	3 3	31
24	VZ18829		5	5	5	5		0	10	3 0	26
25	VZ18835		5	2	5	3		20	10	3 5	27
26	VZ18836		5	5	5	5		0	10	3 0	30
27	VZ18837	2		2	2	2		20	10	3 8	28
28	VZ18838	3		2	5		5	20	10	4 5	26
29	VZ18839	2	3		5		5	20	10	4 5	32
30	VZ18840	5	5			5	3	20	10	4 8	29
31	VZ18841	3	2			3	2	20	10	4 0	27
32	VZ18842	2	2			2	2	20	10	3 8	25
33	VZ18843	5		2		5	3	20	10	4 5	32
34	VZ18844		3	2		5	5	20	10	4 5	25
35	VZ18845		3	2		3	2	20	10	4 0	30
36	VZ18846		2	3	5		5	20	10	4 5	AA
37	VZ68852	5		5	5		5	0	10	3 0	30
<b>No. of Students Attempted</b>		<b>24</b>	<b>27</b>	<b>23</b>	<b>19</b>	<b>29</b>	<b>26</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>36</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>20</b>	<b>13</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											32
<b>% of students secured &gt;= Threshold marks</b>		<b>41 .6 7</b>	<b>40 .7 4</b>	<b>52 .1 7</b>	<b>63 .1 6</b>	<b>68 .9 7</b>	<b>50</b>				<b>88.89</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>				<b>3</b>

<b>Direct CO Attainment</b>	2. 6	2. 6	2. 6	2. 8	2. 8	2. 6				
<b>Indirect CO Attainment Level</b>	2. 32	2. 32	2. 49	2. 59	2. 46	2. 46				
<b>Total CO Attainment</b>	2. 57	2. 57	2. 59	2. 78	2. 77	2. 93				
<b>Average CO Attainment</b>										2.7

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	8	8	5	2	5	5
<b>Level 2</b>	9	9	9	11	10	10
<b>Level 3</b>	20	20	23	24	22	22
<b>Total no. of students participated</b>	37	37	37	37	37	37
<b>CO Attainment Level</b>	2.32	2.32	2.49	2.59	2.46	2.46

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3



Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	1	1	0	1	1
Level 2	0	1	0	1	0	1
Level 3	1	0	1	1	1	0
Total no. of students participated	2	2	2	2	2	2
CO Attainment Level	2	1.5	2	2.5	2	1.5

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PO9	PO1 0	PO11	PO1 2
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
Average PO Attainment	1.4	2	2	1.8	1.8	2.2	1.75	2	2.6	1.4	1.8	2

PO's Attainment at Course Level	0.31	0.45	0.45	0.4	0.4	0.49	0.39	0.45	0.58	0.31	0.4	0.45
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Computation of CO Direct Attainment												
Course :IBM												
Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ18721		2	1	2		3	20	10	38	33	
2	VZ18722	0		1	2	2		20	10	35	25	
<b>No. of Students Attempted</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											0	
<b>% of students secured &gt;= Threshold marks</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>				<b>0</b>	
<b>Attainment Level</b>		<b>FA</b>	<b>FA</b>	<b>FA</b>	<b>FA</b>	<b>FA</b>	<b>3</b>				<b>FALSE</b>	
<b>Direct CO Attainment</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.6</b>					
<b>Indirect CO Attainment Level</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>					
<b>Total CO Attainment</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2.93</b>					
<b>Average CO Attainment</b>											0.49	

Computation of Indirect CO's Attainment

Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	0	1	1	0	1
Level 2	0	1	0	1	1	0
Level 3	1	1	1	0	1	1
Total no. of students participated	2	2	2	2	2	2
CO Attainment Level	2	2.5	2	1.5	2.5	2

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
Average PO Attainment	1.4	2	2	1.8	1.8	2.2	1.75	2	2.6	1.4	1.8	2
PO's Attainment at Course Level	0.23	0.33	0.33	0.29	0.29	0.36	0.29	0.33	0.42	0.23	0.29	0.33

Computation of CO Direct Attainment											
Course :305											
Class: MBA II Sem.-III      A.Y. 2017-18      Couse Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ18801	2	2		2	2		20	10	38	38
2	VZ18802		5	2	3		5	20	10	45	45
3	VZ18803		2	5	5		3	20	10	45	45
4	VZ18804		2	3		2	3	20	10	40	40
5	VZ18805		3	2		3	2	20	10	40	40
6	VZ18806	5		5		4	4	20	10	48	48
7	VZ18807	5	2			3	5	20	10	45	45
8	VZ18808	1	1			1	2	20	10	35	35
9	VZ18809	5	4		4		5	20	10	48	48
10	VZ18810	5	2		3	5		20	10	45	45
11	VZ18811	2	2		2	2		20	10	38	38
12	VZ18812	5	2		3	5		20	10	45	45
13	VZ18813	2		2	2	2		20	10	38	38
14	VZ18814	2		5	3	5		20	10	45	45
15	VZ18815		2	2	2	2		20	10	38	38
16	VZ18816		2	2	2		2	20	10	38	38





% of students secured >= Threshold marks	41 .6 7	41 .3 8	40 .9 1	50	53 .8 5	53 .8 5				89.19
Attainment Level	1	1	1	1	1	1				3
Direct CO Attainment	2. 6	2. 6	2. 6	2. 6	2. 6	2. 6				
Indirect CO Attainment Level	2. 35	2. 32	2. 46	2. 59	2. 43	2. 41				
Total CO Attainment	2. 58	2. 57	2. 59	2. 6	2. 58	2. 93				
Average CO Attainment										2.64

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	7	8	5	2	4	5
Level 2	10	9	10	11	10	9
Level 3	20	20	22	24	22	22
Total no. of students participated	37	37	37	37	37	37
CO Attainment Level	2.35	2.32	2.46	2.59	2.43	2.41

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2

CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.23</b>	<b>1.76</b>	<b>1.76</b>	<b>1.58</b>	<b>1.58</b>	<b>1.94</b>	<b>1.54</b>	<b>1.76</b>	<b>2.29</b>	<b>1.23</b>	<b>1.58</b>	<b>1.76</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :306</b>												
<b>Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)	Q 3(5)					
		C 01	C 02	C 03	C 04	C 05	C 06					
1	VZ18801		2	3		2	3	10	5	35	25	
2	VZ18802		5	2		3	5	20	10	45	27	
3	VZ18803		5	2	3		5	20	10	45	27	
4	VZ18804		2	3	2		3	20	10	40	25	
5	VZ18805		2	3	2	3		10	5	35	25	
6	VZ18806	5		4	4	5		20	10	48	30	
7	VZ18807	5	2		3	5		20	10	45	25	
8	VZ18808	2	3		2	3		10	5	35	25	

9	VZ18809	5	4		4	5		20	10	4 8	26
10	VZ18810	5	2		3	5		20	10	4 5	26
11	VZ18811	2	3		2	3		10	5	3 5	25
12	VZ18812	5		2	3		5	20	10	4 5	26
13	VZ18813		2	3	2		3	10	5	3 5	25
14	VZ18814		5	2		3	5	20	10	4 5	26
15	VZ18815		5	2		3	5	20	10	4 5	26
16	VZ18816		5	2		3	5	20	10	4 5	25
17	VZ18817	2		5		3	5	20	10	4 5	27
18	VZ18818	2		5		3	5	20	10	4 5	27
19	VZ18819	5	2		3		5	20	10	4 5	27
20	VZ18820	5	2		3		5	20	10	4 5	26
21	VZ18821	5	2		3	5		20	10	4 5	25
22	VZ18822	5	2		3	5		20	10	4 5	25
23	VZ18828	2	3		2	3		8	5	3 2	26
24	VZ18829	0		0	0	0		20	10	3 0	25
25	VZ18835	2		3	2	3		10	5	3 5	26
26	VZ18836		3	2	2	3		10	5	3 5	29
27	VZ18837		3	2	2		3	20	10	4 0	25
28	VZ18838		5	2	3		5	20	10	4 5	29
29	VZ18839		5	2		3	5	20	10	4 5	25
30	VZ18840	5		4		4	5	20	10	4 8	27
31	VZ18841	2		3		2	3	20	10	4 0	26
32	VZ18842	2	3			2	3	20	10	4 0	25
33	VZ18843	5	2			3	5	20	10	4 5	29



<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.38</b>	<b>2.49</b>	<b>2.65</b>	<b>2.46</b>	<b>2.51</b>
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<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.26</b>	<b>1.81</b>	<b>1.81</b>	<b>1.63</b>	<b>1.63</b>	<b>1.99</b>	<b>1.58</b>	<b>1.81</b>	<b>2.35</b>	<b>1.26</b>	<b>1.63</b>	<b>1.81</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :307</b>												
<b>Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C O1	C O2	C O3	C O4	C O5	C O6					
1	VZ18801	2	3		2	3		10	5	35	36	

2	VZ18802	5	2		3	5		20	10	4 5	30
3	VZ18803	5	2		3	5		20	10	4 5	38
4	VZ18804	2		3	2		3	20	10	4 0	25
5	VZ18805		2	3	2		3	10	5	3 5	25
6	VZ18806		5	4		4	5	20	10	4 8	37
7	VZ18807		5	2		3	5	20	10	4 5	34
8	VZ18808		2	3		2	3	10	5	3 5	37
9	VZ18809		5	4		4	5	20	10	4 8	30
10	VZ18810	5		2		3	5	20	10	4 5	27
11	VZ18811	2	3			2	3	10	5	3 5	37
12	VZ18812	5	2			3	5	20	10	4 5	32
13	VZ18813	2	3		2		3	10	5	3 5	35
14	VZ18814	5	2		3	5		20	10	4 5	25
15	VZ18815	5	2		3	5		20	10	4 5	31
16	VZ18816	5		2	3	5		20	10	4 5	39
17	VZ18817		5	2	3	5		20	10	4 5	27
18	VZ18818		5	2	3	5		20	10	4 5	37
19	VZ18819		5	2	3		5	20	10	4 5	34
20	VZ18820		5	2	3		5	20	10	4 5	26
21	VZ18821		5	2		3	5	20	10	4 5	25
22	VZ18822	5		2		3	5	20	10	4 5	25
23	VZ18828	2		3		2	3	8	5	3 2	34
24	VZ18829	0	0			0	0	20	10	3 0	30
25	VZ18835	2	3		2		3	10	5	3 5	26
26	VZ18836	2	3		2		3	10	5	3 5	28

27	VZ18837	2	3		2	3		20	10	4 0	25
28	VZ18838	5	2		3	5		20	10	4 5	26
29	VZ18839	5		2	3	5		20	10	4 5	30
30	VZ18840	5		4	4	5		20	10	4 8	28
31	VZ18841		2	3	2		3	20	10	4 0	25
32	VZ18842		2	3	2		3	20	10	4 0	27
33	VZ18843		2	5		3	5	20	10	4 5	29
34	VZ18844		2	5		3	5	20	10	4 5	26
35	VZ18845	5		2		3	5	20	10	4 5	27
36	VZ18846	2		3		2	3	20	10	4 0	aa
37	VZ68852	2	3		2		3	8	5	3 2	26
<b>No. of Students Attempted</b>		<b>23</b>	<b>28</b>	<b>23</b>	<b>22</b>	<b>27</b>	<b>25</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>36</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>14</b>	<b>11</b>	<b>10</b>	<b>19</b>	<b>23</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											32
<b>% of students secured &gt;= Threshold marks</b>		<b>43 .4 8</b>	<b>50</b>	<b>47 .8 3</b>	<b>45 .4 5</b>	<b>70 .3 7</b>	<b>92</b>				<b>88.89</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 8</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 3</b>	<b>2. 35</b>	<b>2. 46</b>	<b>2. 62</b>	<b>2. 43</b>	<b>2. 51</b>				
<b>Total CO Attainment</b>		<b>2. 57</b>	<b>2. 58</b>	<b>2. 59</b>	<b>2. 6</b>	<b>2. 76</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											2.67

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>4</b>

<b>Level 2</b>	<b>10</b>	<b>8</b>	<b>10</b>	<b>10</b>	<b>11</b>	<b>10</b>
<b>Level 3</b>	<b>19</b>	<b>21</b>	<b>22</b>	<b>25</b>	<b>21</b>	<b>23</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.35</b>	<b>2.46</b>	<b>2.62</b>	<b>2.43</b>	<b>2.51</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.25</b>	<b>1.78</b>	<b>1.78</b>	<b>1.6</b>	<b>1.6</b>	<b>1.96</b>	<b>1.56</b>	<b>1.78</b>	<b>2.31</b>	<b>1.25</b>	<b>1.6</b>	<b>1.78</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :308</b>



**Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:**

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ18801	2	3		2	3		10	5	35	29
2	VZ18802	5	2		3	5		20	10	45	30
3	VZ18803	5	2		3	5		20	10	45	27
4	VZ18804	2	3		2	3		20	10	40	28
5	VZ18805	2		3	2		3	10	5	35	27
6	VZ18806		5	4	4		5	20	10	48	28
7	VZ18807		5	2		3	5	20	10	45	13
8	VZ18808		2	3		2	3	10	5	35	26
9	VZ18809		5	4		4	5	20	10	48	25
10	VZ18810	5		2		3	5	20	10	45	26
11	VZ18811	2		3		2	3	10	5	35	26
12	VZ18812	5	2			3	5	20	10	45	25
13	VZ18813	2	3		2		3	10	5	35	25
14	VZ18814	5	2		3	5		20	10	45	27
15	VZ18815	5	2		3	5		20	10	45	25
16	VZ18816	5		2	3	5		20	10	45	25
17	VZ18817	5		2	3	5		20	10	45	26
18	VZ18818		5	2	3	5		20	10	45	25
19	VZ18819		5	2	3		5	20	10	45	25

20	VZ18820		5	2		3	5	20	10	4 5	26
21	VZ18821		5	2		3	5	20	10	4 5	25
22	VZ18822		5	2		3	5	20	10	4 5	27
23	VZ18828	2		3		2	3	8	5	3 2	31
24	VZ18829	0		0		0	0	20	10	3 0	25
25	VZ18835	3	2			2	3	10	5	3 5	30
26	VZ18836	3	2		2		3	10	5	3 5	29
27	VZ18837	3	2		2	3		20	10	4 0	25
28	VZ18838	5	2		3	5		20	10	4 5	28
29	VZ18839	5	2		3	5		20	10	4 5	28
30	VZ18840	5		4	4	5		20	10	4 8	29
31	VZ18841	2		3	2	3		20	10	4 0	25
32	VZ18842		2	3	2		3	20	10	4 0	27
33	VZ18843		5	2		3	5	20	10	4 5	29
34	VZ18844		5	2		3	5	20	10	4 5	27
35	VZ18845		5	2		3	5	20	10	4 5	29
36	VZ18846	2		3		2	3	20	10	4 0	27
37	VZ68852	2		3	2		3	8	5	3 2	30
<b>No. of Students Attempted</b>		<b>24</b>	<b>26</b>	<b>24</b>	<b>21</b>	<b>30</b>	<b>23</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>37</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>12</b>	<b>11</b>	<b>10</b>	<b>20</b>	<b>22</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>50</b>	<b>46 .1 5</b>	<b>45 .8 3</b>	<b>47 .6 2</b>	<b>66 .6 7</b>	<b>95 .6 5</b>				<b>86.49</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 8</b>	<b>3</b>				

<b>Indirect CO Attainment Level</b>	<b>2.3</b>	<b>2.38</b>	<b>2.51</b>	<b>2.59</b>	<b>2.43</b>	<b>2.51</b>				
<b>Total CO Attainment</b>	<b>2.57</b>	<b>2.58</b>	<b>2.59</b>	<b>2.6</b>	<b>2.76</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.67</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>4</b>
<b>Level 2</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>11</b>	<b>10</b>
<b>Level 3</b>	<b>19</b>	<b>21</b>	<b>23</b>	<b>24</b>	<b>21</b>	<b>23</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.38</b>	<b>2.51</b>	<b>2.59</b>	<b>2.43</b>	<b>2.51</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	1	2	1		2	1		2	3	1	2	2
<b>CO2</b>	2	3	1	2	1		3		2	1		1
<b>CO3</b>	1		2	1	1	2		1			2	2
<b>CO4</b>		1	3	2		3	1	3	2	1	1	
<b>CO5</b>	2	2		3	3	2	2		3	3	2	2
<b>CO6</b>	1	2	3	1	2	3	1	2	3	1	2	3

Average PO Attainment	1.4	2	2	1.8	1.8	2.2	1.75	2	2.6	1.4	1.8	2
PO's Attainment at Course Level	1.25	1.78	1.78	1.6	1.6	1.96	1.56	1.78	2.31	1.25	1.6	1.78

Computation of CO Direct Attainment												
Course :309												
Class: MBA II Sem.-III      A.Y. 2017-18      Course Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ18801		2	3		2	3	10	5	35	25	
2	VZ18802	2	5			3	5	20	10	45	29	
3	VZ18803	2	5			3	5	20	10	45	25	
4	VZ18804	3	2			2	3	20	10	40	26	
5	VZ18805		2	3		2	3	10	5	35	25	
6	VZ18806	5		4	4		5	20	10	48	29	
7	VZ18807	5		2	3		5	20	10	45	31	
8	VZ18808	2	3		2		3	10	5	35	25	
9	VZ18809	5	4		4	5		20	10	48	29	
10	VZ18810	5	2		3	5		20	10	45	28	

11	VZ18811	2	3		2	3		10	5	3 5	31
12	VZ18812	5		2	3	5		20	10	4 5	26
13	VZ18813	2		3	2	3		10	5	3 5	31
14	VZ18814		5	2	3		5	20	10	4 5	25
15	VZ18815		5	2	3		5	20	10	4 5	28
16	VZ18816		5	2		3	5	20	10	4 5	26
17	VZ18817		5	2		3	5	20	10	4 5	26
18	VZ18818	5		2		3	5	20	10	4 5	26
19	VZ18819	5		2		3	5	20	10	4 5	25
20	VZ18820	5	2			3	5	20	10	4 5	25
21	VZ18821	5	2			3	5	20	10	4 5	25
22	VZ18822	5	2		3		5	20	10	4 5	25
23	VZ18828	2	3		2	3		8	5	3 2	25
24	VZ18829	0	0		0	0		20	10	3 0	27
25	VZ18835	2		3	2	3		10	5	3 5	30
26	VZ18836	2		3	2	3		10	5	3 5	32
27	VZ18837		2	3	2	3		20	10	4 0	27
28	VZ18838		5	2	3		5	20	10	4 5	31
29	VZ18839		5	2	3		5	20	10	4 5	30
30	VZ68840		5	4		4	5	20	10	4 8	30
31	VZ68841	2		3		2	3	20	10	4 0	28
32	VZ68842	2		3		2	3	20	10	4 0	25
33	VZ68843	5	2			3	5	20	10	4 5	32
34	VZ68844	5	2			3	5	20	10	4 5	28
35	VZ68845	5	2			3	5	20	10	4 5	32



<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.38</b>	<b>2.49</b>	<b>2.57</b>	<b>2.41</b>	<b>2.46</b>
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<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.25</b>	<b>1.78</b>	<b>1.78</b>	<b>1.6</b>	<b>1.6</b>	<b>1.96</b>	<b>1.56</b>	<b>1.78</b>	<b>2.31</b>	<b>1.25</b>	<b>1.6</b>	<b>1.78</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :IBM</b>												
<b>Class: MBA II Sem.-IV      A.Y. 2017-18      Couse Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
		<b>Q1 (5)</b>	<b>Q2 (5)</b>	<b>Q3 (5)</b>	<b>Q1 (5)</b>	<b>Q2 (5)</b>	<b>Q3 (5)</b>					
	<b>Seat No</b>	<b>C O1</b>	<b>C O2</b>	<b>C O3</b>	<b>C O4</b>	<b>C O5</b>	<b>C O6</b>					
1	VZ18801		5	2		0	5	20	10	42	26	

2	VZ18802		5	4		3	5	20	10	4 7	31
3	VZ18803		5	4		3	5	20	10	4 7	33
4	VZ18804		5	2		3	5	20	10	4 5	28
5	VZ18805	2		3		2	3	20	10	4 0	27
6	VZ18806	5		4	5		5	20	10	4 9	40
7	VZ18807	2	3		2		3	20	10	4 0	27
8	VZ18808	2	3		2	3		20	10	4 0	29
9	VZ18809	5	4		5	5		20	10	4 9	38
10	VZ18810	5	4		5	5		20	10	4 9	35
11	VZ18811	2		3	2	3		20	10	4 0	28
12	VZ18812	5		2	3	5		20	10	4 5	28
13	VZ18813		5	2	3	5		20	10	4 5	25
14	VZ18814		2	3	4		3	20	10	4 2	28
15	VZ18815		5	2		3	5	20	10	4 5	37
16	VZ18816		5	3		3	5	20	10	4 6	28
17	VZ18817		5	2		3	5	20	10	4 5	32
18	VZ18818	5		3		3	5	20	10	4 6	31
19	VZ18819	5		2		3	5	20	10	4 5	31
20	VZ18820	5	3		3		5	20	10	4 6	29
21	VZ18821	5	2		3		5	20	10	4 5	28
22	VZ18822	2	3		2	3		10	8	3 8	27
23	VZ18828	5	4		4	5		20	10	4 8	26
24	VZ18829	2	3		2	3		10	8	3 8	25
25	VZ18835	2		3	2	3		10	8	3 8	28
26	VZ18836	2		3	2	3		20	10	4 0	31



27	VZ18837		5	2	3	5		20	10	4 5	25
28	VZ18838		5	4	4		5	20	10	4 8	25
29	VZ18839		2	3	4		3	20	10	4 2	27
30	VZ68840		2	3		4	3	20	10	4 2	29
31	VZ68841	2		3		4	3	20	10	4 2	26
32	VZ68842	2		3		2	3	20	10	4 0	28
33	VZ68843	5	4			4	5	20	10	4 8	30
34	VZ68844	5	4			4	5	20	10	4 8	27
35	VZ68845	5	2		3		5	20	10	4 5	29
36	VZ68846	2	3		2		3	10	8	3 8	25
37	VZ68852	2		3	2		3	10	8	3 8	25
<b>No. of Students Attempted</b>		<b>24</b>	<b>26</b>	<b>24</b>	<b>22</b>	<b>27</b>	<b>25</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>37</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>17</b>	<b>14</b>	<b>13</b>	<b>21</b>	<b>21</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>50</b>	<b>65</b>	<b>58</b>	<b>59</b>	<b>77</b>	<b>84</b>				<b>89.19</b>
<b>Attainment Level</b>		<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
<b>Total CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
<b>Average CO Attainment</b>		<b>57</b>	<b>76</b>	<b>59</b>	<b>6</b>	<b>77</b>	<b>93</b>				<b>2.7</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>4</b>

<b>Level 2</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>
<b>Level 3</b>	<b>20</b>	<b>21</b>	<b>23</b>	<b>24</b>	<b>22</b>	<b>24</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.38</b>	<b>2.51</b>	<b>2.57</b>	<b>2.46</b>	<b>2.54</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.26</b>	<b>1.8</b>	<b>1.8</b>	<b>1.62</b>	<b>1.62</b>	<b>1.98</b>	<b>1.58</b>	<b>1.8</b>	<b>2.34</b>	<b>1.26</b>	<b>1.62</b>	<b>1.8</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :402</b>

**Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:**

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ18801		2	5		5	5	10	5	32	30
2	VZ18802	5		4		3	5	20	10	47	30
3	VZ18803	5		4		3	5	20	10	47	31
4	VZ18804		5	2		3	5	20	10	45	31
5	VZ18805		2	3		2	3	20	10	40	29
6	VZ18806		5	4	5		5	20	10	49	33
7	VZ18807		2	3	2	3		20	10	40	26
8	VZ18808		2	3	2	3		20	10	40	25
9	VZ18809	5		4	5	5		20	10	49	33
10	VZ18810	5		4	5	5		20	10	49	29
11	VZ18811	2	3		2	3		20	10	40	28
12	VZ18812	5	2		3		5	20	10	45	21
13	VZ18813	2	3		2		3	20	10	40	30
14	VZ18814	5	2			3	5	20	10	45	29
15	VZ18815	5	2			3	5	20	10	45	32
16	VZ18816	2	3			4	3	20	10	42	31
17	VZ18817	5		2		3	5	20	10	45	31
18	VZ18818	5		4	2		5	20	10	46	28
19	VZ18819		5	2	3		5	20	10	45	29

20	VZ18820		5	3	3	5		20	10	4 6	30
21	VZ18821		5	2	3	5		20	10	4 5	31
22	VZ18822		5	5	3	5		20	10	4 8	31
23	VZ18828		2	3	2	3		18	10	3 8	26
24	VZ18829	2		3	2	3		18	10	3 8	30
25	VZ18835	2		3	2		3	20	10	4 0	28
26	VZ18836	2	3		2		3	18	10	3 8	30
27	VZ18837	5	2			3	5	20	10	4 5	25
28	VZ18838	5	4			4	5	20	10	4 8	33
29	VZ18839	2	3			4	3	20	10	4 2	32
30	VZ68840	5	4			5	5	20	10	4 9	29
31	VZ68841	2		3		4	3	20	10	4 2	28
32	VZ68842	2		3	2		3	20	10	4 0	27
33	VZ68843		5	4	4		5	20	10	4 8	32
34	VZ68844		5	2	3	5		20	10	4 5	31
35	VZ68845		5	2	3	5		20	10	4 5	31
36	VZ68846		2	3	2	3		18	10	3 8	AA
37	VZ68852	2		3	2	3		18	10	3 8	25
<b>No. of Students Attempted</b>		<b>22</b>	<b>26</b>	<b>26</b>	<b>23</b>	<b>28</b>	<b>23</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>36</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>15</b>	<b>17</b>	<b>11</b>	<b>23</b>	<b>19</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>31</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>45</b> <b>.4</b> <b>5</b>	<b>57</b> <b>.6</b> <b>9</b>	<b>65</b> <b>.3</b> <b>8</b>	<b>47</b> <b>.8</b> <b>3</b>	<b>82</b> <b>.1</b> <b>4</b>	<b>82</b> <b>.6</b> <b>1</b>				<b>86.11</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b> <b>6</b>	<b>2.</b> <b>6</b>	<b>2.</b> <b>8</b>	<b>2.</b> <b>6</b>	<b>3</b>	<b>3</b>				

<b>Indirect CO Attainment Level</b>	<b>2.3</b>	<b>2.32</b>	<b>2.51</b>	<b>2.59</b>	<b>2.46</b>	<b>2.49</b>				
<b>Total CO Attainment</b>	<b>2.57</b>	<b>2.57</b>	<b>2.77</b>	<b>2.6</b>	<b>2.95</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.73</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>4</b>
<b>Level 2</b>	<b>10</b>	<b>9</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>11</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>22</b>	<b>22</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.32</b>	<b>2.51</b>	<b>2.59</b>	<b>2.46</b>	<b>2.49</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	1	2	1		2	1		2	3	1	2	2
<b>CO2</b>	2	3	1	2	1		3		2	1		1
<b>CO3</b>	1		2	1	1	2		1			2	2
<b>CO4</b>		1	3	2		3	1	3	2	1	1	
<b>CO5</b>	2	2		3	3	2	2		3	3	2	2
<b>CO6</b>	1	2	3	1	2	3	1	2	3	1	2	3

Average PO Attainment	1.4	2	2	1.8	1.8	2.2	1.75	2	2.6	1.4	1.8	2
PO's Attainment at Course Level	1.27	1.82	1.82	1.64	1.64	2	1.59	1.82	2.37	1.27	1.64	1.82

Computation of CO Direct Attainment												
Course :403												
Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ18801		2	4		2	4	20	10	42	28	
2	VZ18802	4	5			3	5	20	10	47	30	
3	VZ18803	4	5			3	5	20	10	47	30	
4	VZ18804		5	2	3		5	20	10	45	35	
5	VZ18805	2		3	2		3	20	10	40	30	
6	VZ18806	5		4	5	5		20	10	49	35	
7	VZ18807	2	3		2	3		20	10	40	27	
8	VZ18808	2	3		2	3		20	10	40	29	
9	VZ18809	5	4		5	5		20	10	49	40	
10	VZ18810	5	4		5	5		20	10	49	35	

11	VZ18811	2		3	2	3		20	10	4 0	29
12	VZ18812	5		2	3	5		20	10	4 5	30
13	VZ18813		2	3	2		3	20	10	4 0	28
14	VZ18814		5	2		3	5	20	10	4 5	32
15	VZ18815		5	2		3	5	20	10	4 5	33
16	VZ18816		2	3		4	3	20	10	4 2	30
17	VZ18817		5	2		3	5	20	10	4 5	28
18	VZ18818		5	4		2	5	20	10	4 6	31
19	VZ18819	5		2		3	5	20	10	4 5	28
20	VZ18820	5		4	2		5	20	10	4 6	33
21	VZ18821	5	2		3		5	20	10	4 5	28
22	VZ18822	5	5		3	5		20	10	4 8	35
23	VZ18828	2	3		2	3		20	10	3 8	30
24	VZ18829	2	3		2	3		20	10	3 8	28
25	VZ18835	2	3		2	3		20	10	4 0	32
26	VZ18836	2	3		2	3		20	10	3 8	36
27	VZ18837	5	2		3	5		20	10	4 5	27
28	VZ18838	5		4	2	5		20	10	4 6	32
29	VZ18839	2		3	4		3	20	10	4 2	30
30	VZ68840		5	4	5		5	20	10	4 9	32
31	VZ68841		2	3		4	3	20	10	4 2	27
32	VZ68842		2	3		2	3	20	10	4 0	30
33	VZ68843		5	5		3	5	20	10	4 8	30
34	VZ68844		5	2		3	5	20	10	4 5	32
35	VZ68845	5		2		3	5	20	10	4 5	29





<b>CO Attainment Level</b>	<b>2.38</b>	<b>2.3</b>	<b>2.49</b>	<b>2.57</b>	<b>2.41</b>	<b>2.49</b>
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<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.27</b>	<b>1.82</b>	<b>1.82</b>	<b>1.64</b>	<b>1.64</b>	<b>2</b>	<b>1.59</b>	<b>1.82</b>	<b>2.37</b>	<b>1.27</b>	<b>1.64</b>	<b>1.82</b>

<b>Computation of CO Direct Attainment</b>													
<b>Course :404</b>													
<b>Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:</b>													
<b>Internal Assessment</b>											<b>External Assessment</b>		
<b>Sr. No.</b>	<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>			
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50			
	Seat No	C01	C02	C03	C04	C05	C06						

1	VZ18801	2	3		4	3		20	10	4 2	42
2	VZ18802	5	4		3	5		20	10	4 7	47
3	VZ18803	5	4		3	5		20	10	4 7	47
4	VZ18804	5	2		3	5		20	10	4 5	45
5	VZ18805	2		3	2		3	20	10	4 0	40
6	VZ18806	5		4	5		5	20	10	4 9	49
7	VZ18807		2	3		2	3	20	10	4 0	40
8	VZ18808		2	3		2	3	20	10	4 0	40
9	VZ18809		5	4		5	5	20	10	4 9	49
10	VZ18810		5	4		5	5	20	10	4 9	49
11	VZ18811	2		3	2		3	20	10	4 0	40
12	VZ18812	5		2	3		5	20	10	4 5	45
13	VZ18813	2	3		2		3	20	10	4 0	40
14	VZ18814	5	2		3	5		20	10	4 5	45
15	VZ18815	5	2		3	5		20	10	4 5	45
16	VZ18816	2	3		4	3		20	10	4 2	42
17	VZ18817	5	2		3	5		20	10	4 5	45
18	VZ18818	5		4	2	5		20	10	4 6	46
19	VZ18819	5		2	3	5		20	10	4 5	45
20	VZ18820		5	4	2		5	20	10	4 6	46
21	VZ18821		5	2	3		5	20	10	4 5	45
22	VZ18822		5	5		3	5	20	10	4 8	48
23	VZ18828		2	3		2	3	20	10	3 8	38
24	VZ18829		2	3		2	3	20	10	3 8	38
25	VZ18835	2		3		2	3	20	10	4 0	40

26	VZ18836	2		3		2	3	20	10	38	38
27	VZ18837	5	2			3	5	20	10	45	45
28	VZ18838	5	5			3	5	20	10	48	48
29	VZ18839	2	3		4		3	20	10	42	42
30	VZ68840	5	4		5		5	20	10	49	49
31	VZ68841	2	3		4	3		20	10	42	42
32	VZ68842	2		3	2	3		20	10	40	40
33	VZ68843		5	5	3	5		20	10	48	48
34	VZ68844		5	2	3	5		20	10	45	45
35	VZ68845		5	2	3	5		20	10	45	45
36	VZ68846		2	3	2		3	20	10	38	38
37	VZ68852		2	3	2		3	20	10	38	38
<b>No. of Students Attempted</b>		<b>23</b>	<b>28</b>	<b>23</b>	<b>26</b>	<b>26</b>	<b>22</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>14</b>	<b>18</b>	<b>14</b>	<b>16</b>	<b>22</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>43</b>	<b>50</b>	<b>78</b>	<b>53</b>	<b>61</b>	<b>10</b>				<b>89.19</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
<b>Total CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
<b>Average CO Attainment</b>											<b>2.7</b>

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6

<b>Level 1</b>	<b>7</b>	<b>9</b>	<b>4</b>	<b>1</b>	<b>6</b>	<b>4</b>
<b>Level 2</b>	<b>11</b>	<b>8</b>	<b>11</b>	<b>12</b>	<b>10</b>	<b>9</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>24</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.3</b>	<b>2.49</b>	<b>2.62</b>	<b>2.41</b>	<b>2.54</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.26</b>	<b>1.8</b>	<b>1.8</b>	<b>1.62</b>	<b>1.62</b>	<b>1.98</b>	<b>1.58</b>	<b>1.8</b>	<b>2.34</b>	<b>1.26</b>	<b>1.62</b>	<b>1.8</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :405</b>

**Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:**

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)	Q 3(5)	20	10	50	50
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18801		3	3	4	3		20	10	43	43
2	VZ18802	4	5		3	5		20	10	47	47
3	VZ18803	4	5		3		5	20	10	47	47
4	VZ18804		5	2		3	5	20	10	45	45
5	VZ18805	2		3		4	3	19	10	41	41
6	VZ18806	5		4		5	5	20	10	49	49
7	VZ18807	2	3			4	3	19	10	41	41
8	VZ18808	2	3			4	3	19	10	41	41
9	VZ18809	5	4			5	5	20	10	49	49
10	VZ18810	5	4		5		5	20	10	49	49
11	VZ18811	2		3	4		3	19	10	41	41
12	VZ18812	5		2	3		5	20	10	45	45
13	VZ18813		2	3	4	3		19	10	41	41
14	VZ18814		5	2	3	5		20	10	45	45
15	VZ18815		5	2	3	5		20	10	45	45
16	VZ18816		3	3	4	3		20	10	43	43
17	VZ18817	5		2	3	5		20	10	45	45
18	VZ18818	5		3	3		5	20	10	46	46

19	VZ18819	5	2		3		5	20	10	4 5	45	
20	VZ18820	5	3			3	5	20	10	4 6	46	
21	VZ18821	5	2			3	5	20	10	4 5	45	
22	VZ18822	5	5			3	5	20	10	4 8	48	
23	VZ18828	2		2		5	5	10	10	3 8	38	
24	VZ18829	2		2		5	5	10	10	3 8	38	
25	VZ18835		2	3		4	3	19	10	4 1	41	
26	VZ18836		2	3	2		3	20	10	4 0	40	
27	VZ18837		5	2	3		5	20	10	4 5	45	
28	VZ18838		5	5	3	5		20	10	4 8	48	
29	VZ18839		3	3	4	3		20	10	4 3	43	
30	VZ68840	5		4	5	5		20	10	4 9	49	
31	VZ68841	3		3	4	3		20	10	4 3	43	
32	VZ68842	2	3		4		3	19	10	4 1	41	
33	VZ68843	5	5		3		5	20	10	4 8	48	
34	VZ68844	5	2			3	5	20	10	4 5	45	
35	VZ68845	5	2			3	5	20	10	4 5	45	
36	VZ68846	5	5			3	5	20	10	4 8	48	
37	VZ68852	5		5		5	5	10	8	3 8	38	
<b>No. of Students Attempted</b>		<b>26</b>	<b>26</b>	<b>22</b>	<b>21</b>	<b>27</b>	<b>26</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>37</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>17</b>	<b>15</b>	<b>13</b>	<b>17</b>	<b>24</b>	<b>24</b>					
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>	
<b>% of students secured &gt;= Threshold marks</b>		<b>65 .3 8</b>	<b>57 .6 9</b>	<b>59 .0 9</b>	<b>80 .9 5</b>	<b>88 .8 9</b>	<b>92 .3 1</b>					<b>89.19</b>
<b>Attainment Level</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>3</b>				<b>3</b>	

<b>Direct CO Attainment</b>	<b>2.8</b>	<b>2.6</b>	<b>2.6</b>	<b>3</b>	<b>3</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>	<b>2.38</b>	<b>2.3</b>	<b>2.43</b>	<b>2.57</b>	<b>2.41</b>	<b>2.49</b>				
<b>Total CO Attainment</b>	<b>2.76</b>	<b>2.57</b>	<b>2.58</b>	<b>2.96</b>	<b>2.94</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.79</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>4</b>
<b>Level 2</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>11</b>
<b>Level 3</b>	<b>21</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>22</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.38</b>	<b>2.3</b>	<b>2.43</b>	<b>2.57</b>	<b>2.41</b>	<b>2.49</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>2</b>	<b>1</b>		<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>CO2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>3</b>		<b>2</b>	<b>1</b>		<b>1</b>
<b>CO3</b>	<b>1</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>		<b>1</b>			<b>2</b>	<b>2</b>
<b>CO4</b>		<b>1</b>	<b>3</b>	<b>2</b>		<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	
<b>CO5</b>	<b>2</b>	<b>2</b>		<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>		<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>
<b>CO6</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>

Average PO Attainment	1.4	2	2	1.8	1.8	2.2	1.75	2	2.6	1.4	1.8	2
PO's Attainment at Course Level	1.3	1.86	1.86	1.67	1.67	2.05	1.63	1.86	2.42	1.3	1.67	1.86

Computation of CO Direct Attainment												
Course :406												
Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:												
Internal Assessment										External Assessment		
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)					Q3(5)
		Seat No	CO1	CO2	CO3	CO4	CO5					CO6
1	VZ18801	2		3		2	3	20	10	40	38	
2	VZ18802	2		3		2	3	20	10	40	38	
3	VZ18803	5		2		3	5	20	10	45	40	
4	VZ18804		5	2		3	5	20	10	45	40	
5	VZ18805		3	5	5		5	14	5	37	37	
6	VZ18806		5	2	3	5		20	10	45	45	
7	VZ18807		2	3	2	3		20	10	40	37	
8	VZ18808	2		3	2	3		20	10	40	35	
9	VZ18809	5	4		5	5		20	10	49	45	



10	VZ18810	5	5		3	5		20	10	4 8	37
11	VZ18811	2	3		2		3	20	10	4 0	35
12	VZ18812	2	3		2		3	20	10	4 0	35
13	VZ18813	2	3			2	3	20	10	4 0	35
14	VZ18814	2	3			2	3	20	10	4 0	34
15	VZ18815	5		2		3	5	20	10	4 5	38
16	VZ18816	2		3		2	3	20	10	4 0	34
17	VZ18817		2	3		2	3	20	10	4 0	36
18	VZ18818		2	3		4	3	20	10	4 2	37
19	VZ18819		5	2	3		5	20	10	4 5	38
20	VZ18820	5		5	3	5		20	10	4 8	37
21	VZ18821		5	2	3	5		20	10	4 5	30
22	VZ18822	5		5	3	5		20	10	4 8	35
23	VZ18828	2		3	2	3		18	10	3 8	30
24	VZ18829	3	2		2		3	18	10	3 8	30
25	VZ18835	3	2		2		3	20	10	4 0	37
26	VZ18836	3	2			2	3	20	10	4 0	36
27	VZ18837	5	4			3	5	20	10	4 7	30
28	VZ18838	5		4		5	5	20	10	4 9	30
29	VZ18839	5		2		3	5	20	10	4 5	35
30	VZ68840		5	4	5		5	20	10	4 9	35
31	VZ68841		2	3	4	3		20	10	4 2	35
32	VZ68842		2	3	4	3		20	10	4 2	35
33	VZ68843		5	4	5	5		20	10	4 9	35
34	VZ68844		5	3	3		5	20	10	4 6	37



<b>CO Attainment Level</b>	<b>2.38</b>	<b>2.41</b>	<b>2.54</b>	<b>2.68</b>	<b>2.51</b>	<b>2.54</b>
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<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.29</b>	<b>1.85</b>	<b>1.85</b>	<b>1.66</b>	<b>1.66</b>	<b>2.03</b>	<b>1.62</b>	<b>1.85</b>	<b>2.4</b>	<b>1.29</b>	<b>1.66</b>	<b>1.85</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :407</b>												
<b>Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>	<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>		
MAX.	Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)	Q 3(5)	20	10	50			
Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6						

1	VZ18801		2		4	3	3	20	10	4 2	35
2	VZ18802		5	5	3		5	20	10	4 8	34
3	VZ18803	5	5		3		5	20	10	4 8	33
4	VZ18804		5	2		3	5	20	10	4 5	35
5	VZ18805		2	3		2	3	20	10	4 0	36
6	VZ18806	5		4		5	5	20	10	4 9	48
7	VZ18807	2	3			2	3	20	10	4 0	34
8	VZ18808	2	3			2	3	20	10	4 0	36
9	VZ18809	5	4		5		5	20	10	4 9	47
10	VZ18810	5	4		5		5	20	10	4 9	40
11	VZ18811	2	3		2	3		20	10	4 0	36
12	VZ18812	5	2		3	5		20	10	4 5	45
13	VZ18813	2		3	2	3		20	10	4 0	26
14	VZ18814	5		2	3	5		20	10	4 5	41
15	VZ18815		5	2	3	5		20	10	4 5	45
16	VZ18816		5	2	3		5	20	10	4 5	28
17	VZ18817		5	5	3		5	20	10	4 8	39
18	VZ18818		5	5		3	5	20	10	4 8	44
19	VZ18819		5	2		3	5	20	10	4 5	44
20	VZ18820	5		5		3	5	20	10	4 8	45
21	VZ18821	5	2			3	5	20	10	4 5	36
22	VZ18822	5	5			3	5	20	10	4 8	36
23	VZ18828	2	3		2		3	18	10	3 8	25
24	VZ18829	2	3		2		3	18	10	3 8	5
25	VZ18835	2	3		2	3		20	10	4 0	33

26	VZ18836	2		3	2	3		20	10	4 0	33
27	VZ18837	5		4	3	5		20	10	4 7	28
28	VZ18838		5	4	5	5		20	10	4 9	29
29	VZ18839		5	2	3		5	20	10	4 5	32
30	VZ68840		5	4	5		5	20	10	4 9	32
31	VZ68841		2	3		4	3	20	10	4 2	29
32	VZ68842	2		3		4	3	20	10	4 2	28
33	VZ68843	5		4		5	5	20	10	4 9	29
34	VZ68844	5	3			3	5	20	10	4 6	34
35	VZ68845	5	3			3	5	20	10	4 6	29
36	VZ68846	2	3		2		3	18	10	3 8	29
37	VZ68852	2	3		2		3	18	10	3 8	28
<b>No. of Students Attempted</b>		<b>24</b>	<b>29</b>	<b>20</b>	<b>22</b>	<b>25</b>	<b>28</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>37</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>21</b>	<b>13</b>	<b>11</b>	<b>20</b>	<b>24</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											32
<b>% of students secured &gt;= Threshold marks</b>		<b>50</b>	<b>72 .4 1</b>	<b>65</b>	<b>50</b>	<b>80</b>	<b>85 .7 1</b>				<b>86.49</b>
<b>Attainment Level</b>		<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2. 6</b>	<b>2. 8</b>	<b>2. 8</b>	<b>2. 6</b>	<b>3</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 32</b>	<b>2. 35</b>	<b>2. 49</b>	<b>2. 51</b>	<b>2. 41</b>	<b>2. 49</b>				
<b>Total CO Attainment</b>		<b>2. 57</b>	<b>2. 76</b>	<b>2. 77</b>	<b>2. 59</b>	<b>2. 94</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											2.76

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6

Level 1	7	7	4	1	6	4
Level 2	11	10	11	10	10	11
Level 3	19	20	22	24	21	22
Total no. of students participated	37	37	37	37	37	37
CO Attainment Level	2.32	2.35	2.49	2.51	2.41	2.49

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO11	PO1 2
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
Average PO Attainment	1.4	2	2	1.8	1.8	2.2	1.75	2	2.6	1.4	1.8	2
PO's Attainment at Course Level	1.29	1.84	1.84	1.66	1.66	2.02	1.61	1.84	2.39	1.29	1.66	1.84

<b>Computation of CO Direct Attainment</b>
Course :408

**Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:**

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)	Q 3(5)	20	10	50	50
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18801	2		3	4		3	20	10	42	29
2	VZ18802	5		5	3	5		20	10	48	32
3	VZ18803	5	5		3	5		20	10	48	28
4	VZ18804		2	5	3		5	20	10	45	33
5	VZ18805		3	2	2		3	20	10	40	32
6	VZ18806	5	4			5	5	20	10	49	39
7	VZ18807	2	3			2	3	20	10	40	25
8	VZ18808	2		3		2	3	20	10	40	27
9	VZ18809	5		4		5	5	20	10	49	36
10	VZ18810		5	4	5		5	20	10	49	34
11	VZ18811		2	3	2		3	20	10	40	28
12	VZ18812		5	2	3	5		20	10	45	28
13	VZ18813		2	3	2	3		20	10	40	25
14	VZ18814	5		2	3	5		20	10	45	34
15	VZ18815	5	2		3	5		20	10	45	37
16	VZ18816	5	2		3		5	20	10	45	27
17	VZ18817	5	5		3		5	20	10	48	33

18	VZ18818	5	5			3	5	20	10	4 8	30
19	VZ18819	5	2			3	5	20	10	4 5	33
20	VZ18820	5		5		3	5	20	10	4 8	35
21	VZ18821		5	2		3	5	20	10	4 5	30
22	VZ18822		5	5	3		5	20	10	4 8	29
23	VZ18828		2	3	2	3		18	10	3 8	26
24	VZ18829		2	3	2	3		18	10	3 8	25
25	VZ18835		2	3	2	3		20	10	4 0	33
26	VZ18836	2		3	2	3		20	10	4 0	26
27	VZ18837	5		4	3	5		20	10	4 7	27
28	VZ18838	5	4		5		5	20	10	4 9	31
29	VZ18839	5	2		3		5	20	10	4 5	30
30	VZ68840	5	4			5	5	20	10	4 9	29
31	VZ68841	2	3			4	3	20	10	4 2	26
32	VZ68842	2		3		4	3	20	10	4 2	28
33	VZ68843		5	4		5	5	20	10	4 9	36
34	VZ68844		5	3		3	5	20	10	4 6	29
35	VZ68845		5	3	3		5	20	10	4 6	25
36	VZ68846		2	3	2		3	18	10	3 8	aa
37	VZ68852	2		3	2		3	18	10	3 8	28
<b>No. of Students Attempted</b>		<b>22</b>	<b>27</b>	<b>25</b>	<b>24</b>	<b>24</b>	<b>26</b>	<b>37</b>	<b>37</b>	<b>3 7</b>	<b>36</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>13</b>	<b>15</b>	<b>18</b>	<b>11</b>	<b>20</b>	<b>24</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>59 .0 9</b>	<b>55 .5 6</b>	<b>72</b>	<b>45 .8 3</b>	<b>83 .3 3</b>	<b>92 .3 1</b>				<b>88.89</b>



<b>Attainment Level</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>3</b>	<b>3</b>				
	<b>6</b>	<b>6</b>	<b>8</b>	<b>6</b>						
<b>Indirect CO Attainment Level</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
	<b>27</b>	<b>35</b>	<b>43</b>	<b>57</b>	<b>41</b>	<b>54</b>				
<b>Total CO Attainment</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
	<b>57</b>	<b>58</b>	<b>76</b>	<b>6</b>	<b>94</b>	<b>93</b>				
<b>Average CO Attainment</b>										<b>2.73</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>9</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>4</b>
<b>Level 2</b>	<b>9</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>9</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>24</b>
<b>Total no. of students participated</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>
<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.35</b>	<b>2.43</b>	<b>2.57</b>	<b>2.41</b>	<b>2.54</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>2</b>	<b>1</b>		<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>CO2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>3</b>		<b>2</b>	<b>1</b>		<b>1</b>
<b>CO3</b>	<b>1</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>		<b>1</b>			<b>2</b>	<b>2</b>
<b>CO4</b>		<b>1</b>	<b>3</b>	<b>2</b>		<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	
<b>CO5</b>	<b>2</b>	<b>2</b>		<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>		<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>

CO6	1	2	3	1	2	3	1	2	3	1	2	3
Average PO Attainment	1.4	2	2	1.8	1.8	2.2	1.75	2	2.6	1.4	1.8	2
PO's Attainment at Course Level	1.27	1.82	1.82	1.64	1.64	2	1.59	1.82	2.37	1.27	1.64	1.82

Computation of CO Direct Attainment												
Course :409												
Class: MBA II Sem.-IV      A.Y. 2017-18      Course Code:												
Internal Assessment												External Assessment
Sr. No.	MAX.	Test-I (10)			Test-II (10)			Seminar	Assignment	Total	Marks	
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)					
		CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ18801		3	2		4	3	20	10	42	30	
2	VZ18802	5	5		5	3		20	10	48	31	
3	VZ18803		5	5	3		5	20	10	48	28	
4	VZ18804		2	5	3	5		20	10	45	33	
5	VZ18805	2	3		2	3		20	10	40	30	
6	VZ18806	5	4		5	5		20	10	49	36	
7	VZ18807	2		3	2	3		20	10	40	29	
8	VZ18808	2		3	2	3		20	10	40	31	

9	VZ18809		5	4	5		5	20	10	4 9	39
10	VZ18810		5	4	5		5	20	10	4 9	32
11	VZ18811		2	3		2	3	20	10	4 0	29
12	VZ18812	5		2		3	5	20	10	4 5	27
13	VZ18813	2		3		2	3	20	10	4 0	31
14	VZ18814	5	2			3	5	20	10	4 5	31
15	VZ18815	5	2		3		5	20	10	4 5	35
16	VZ18816	5	2		3	5		20	10	4 5	27
17	VZ18817	5	5		3	5		20	10	4 8	35
18	VZ18818	5	5		3	5		20	10	4 8	29
19	VZ18819	5		2	3	5		20	10	4 5	31
20	VZ18820	5		5	3		5	20	10	4 8	31
21	VZ18821		5	2	3		5	20	10	4 5	30
22	VZ18822		5	5		3	5	20	10	4 8	30
23	VZ18828		2	3		2	3	18	10	3 8	25
24	VZ18829		2	3		2	3	18	10	3 8	26
25	VZ18835		2	3		2	3	20	10	4 0	29
26	VZ18836	2		3	2		3	20	10	4 0	29
27	VZ18837	5		4	3	5		20	10	4 7	26
28	VZ18838	5	4		5	5		20	10	4 9	26
29	VZ18839	5	2		3	5		20	10	4 5	28
30	VZ68840	2	3		5	5		10	5	3 0	49
31	VZ68841	2	3		4		3	20	10	4 2	26
32	VZ68842	5	4			5	5	20	10	4 9	28
33	VZ68843	5		3		3	5	20	10	4 6	29



<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.3</b>	<b>2.43</b>	<b>2.57</b>	<b>2.46</b>	<b>2.54</b>
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<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.29</b>	<b>1.84</b>	<b>1.84</b>	<b>1.66</b>	<b>1.66</b>	<b>2.02</b>	<b>1.61</b>	<b>1.84</b>	<b>2.39</b>	<b>1.29</b>	<b>1.66</b>	<b>1.84</b>

Computation of CO Direct Attainment											
Course :BPSM											
Class: MBA II Sem.-III      A.Y. 2018-19      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ18501	5		4	5	5		20	10	49	28
2	VZ18502		3	2		3	2	20	10	40	28
3	VZ18503		5	4		5	5	20	10	49	34
4	VZ18504		5	5		2	5	20	10	47	31
5	VZ18505	5		4		5	5	20	10	49	33
6	VZ18506	3		2		3	2	20	10	40	5
7	VZ18507	5	5		2		5	20	10	47	27
8	VZ18508	5	4		5	5		20	10	49	38
9	VZ18509	2	3		5	5		20	10	45	25
10	VZ18520	2	3		5	5		20	10	45	26
11	VZ18521	2	3		2	3		10	10	30	21
12	VZ18532	5	4		5		5	20	10	49	30
13	VZ18533	5		4	5		5	20	10	49	36
14	VZ18534	5		4		5	5	20	10	49	30
15	VZ18535	5		5		2	5	20	10	47	25
16	VZ18536		5	5		2	5	20	10	47	28

17	VZ18537		5	4		5	5	20	10	4 9	31
18	VZ18538		5	4	5		5	20	10	4 9	39
19	VZ18539		5	4	5		5	20	10	4 9	40
20	VZ18540	5		5	2	5		20	10	4 7	26
21	VZ18541	3		2	5	2		20	10	4 2	25
22	VZ18542	5		5	2	5		20	10	4 7	28
23	VZ18543	5	5		2	5		20	10	4 7	33
24	VZ18544	2	3		5		5	20	10	4 5	27
25	VZ18545	2	3			5	5	20	10	4 5	28
26	VZ18546	3	2			3	2	20	10	4 0	24
27	VZ18547	3	2			3	2	20	10	4 0	25
28	VZ18548	2		3		5	5	20	10	4 5	22
29	VZ18549	1		1	5		5	20	10	4 2	26
30	VZ18550		2	3	5	5		20	10	4 5	24
31	VZ18551		3	2	3	2		20	10	4 0	31
32	VZ18552		2	3	5	5		20	10	4 5	25
33	VZ18553		3	2	3		2	20	10	4 0	25
34	VZ18554		1	1	5		5	20	10	4 2	28
35	VZ18555	2		3		5	5	20	10	4 5	27
36	VZ18556	3		2		3	2	20	10	4 0	27
37	VZ18557	5	5			2	5	20	10	4 7	32
38	VZ18558	3	2			3	2	20	10	4 0	27
39	VZ18559	3	2		3		2	20	10	4 0	26
40	VZ18570	3		2	3		2	20	10	4 0	25
<b>No. of Students Attempted</b>		<b>28</b>	<b>26</b>	<b>26</b>	<b>23</b>	<b>29</b>	<b>28</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>40</b>

<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	16	15	13	17	18	15				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										29
<b>% of students secured &gt;= Threshold marks</b>	57 .1 4	57 .6 9	50	73 .9 1	62 .0 7	53 .5 7				72.5
<b>Attainment Level</b>	1	1	1	2	2	1				2
<b>Direct CO Attainment</b>	1. 8	1. 8	1. 8	2	2	1. 8				
<b>Indirect CO Attainment Level</b>	2. 3	2. 3	2. 4	2. 53	2. 4	2. 45				
<b>Total CO Attainment</b>	1. 85	1. 85	1. 86	2. 05	2. 04	2. 93				
<b>Average CO Attainment</b>										2.1

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	8	9	7	4	5	6
<b>Level 2</b>	12	10	10	11	14	10
<b>Level 3</b>	20	21	23	25	21	24
<b>Total no. of students participated</b>	40	40	40	40	40	40
<b>CO Attainment Level</b>	2.3	2.3	2.4	2.53	2.4	2.45

**COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL**



CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	1	2	3		2	1	2	3	1	3
CO2	1	3		3		3	1	1			3	2
CO3		2	3	2	3	2	3	3	3	2		
CO4	1		2		2		1				2	1
CO5	2			1	1	1	2	2	1	1		
CO6		1	2		2	3			2	2	1	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.23</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.54</b>	<b>1.58</b>	<b>1.26</b>	<b>1.23</b>	<b>1.4</b>	<b>1.4</b>	<b>1.23</b>	<b>1.4</b>

Computation of CO Direct Attainment											
Course :BE											
Class: MBA II Sem.-III      A.Y. 2018-19      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				

1	VZ18501		5	4		5	5	20	10	4 9	25
2	VZ18502		2	3		5	5	20	10	4 5	28
3	VZ18503	4	5			5	5	20	10	4 9	29
4	VZ18504	4	4			5	5	20	10	4 8	30
5	VZ18505		5	4		5	5	20	10	4 9	27
6	VZ18506		3	2	3		2	20	10	4 0	26
7	VZ18507	5		5	2		5	20	10	4 7	25
8	VZ18508	5		4	5	5		20	10	4 9	29
9	VZ18509	2	3		5	5		20	10	4 5	25
10	VZ18520	2	3		5	5		20	10	4 5	25
11	VZ18521	3	2		3	2		10	10	3 0	25
12	VZ18532	5	4		5	5		20	10	4 9	28
13	VZ18533	5	4		5	5		20	10	4 9	27
14	VZ18534	5	4		5	5		20	10	4 9	28
15	VZ18535	5	5		2	5		20	10	4 7	30
16	VZ18536	5		5	2		5	20	10	4 7	28
17	VZ18537	5		4	5		5	20	10	4 9	30
18	VZ18538	5		4		5	5	20	10	4 9	29
19	VZ18539		5	4		5	5	20	10	4 9	34
20	VZ18540		5	4		5	5	20	10	4 9	28
21	VZ18541		1	1		5	5	20	10	4 2	28
22	VZ18542		5	4		5	4	20	10	4 8	26
23	VZ18543		5	4		5	4	20	10	4 8	26
24	VZ18544		5	4	5		4	20	10	4 8	25
25	VZ18545		5	4	5	4		20	10	4 8	25



<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	9	9	6	3	4	7
<b>Level 2</b>	12	10	9	10	12	9
<b>Level 3</b>	19	21	25	27	24	24
<b>Total no. of students participated</b>	40	40	40	40	40	40
<b>CO Attainment Level</b>	2.25	2.3	2.48	2.6	2.5	2.43

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	2	1	2	3	2	2		2	3	1	3
CO2	1	1		1		3	1	2				2
CO3	2		1	3	1	2		3	3	2		
CO4		2	2	2	2		1			1	1	1
CO5	3		3	1		1	3	2	1	1	3	
CO6		1	1		3	1		1	3	2	2	2
<b>Average PO Attainment</b>	2.25	1.5	1.6	1.8	2.25	1.8	1.75	2	2.25	1.8	1.75	2

PO's Attainment at Course Level	2.09	1.4	1.49	1.67	2.09	1.67	1.63	1.86	2.09	1.67	1.63	1.86
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Computation of CO Direct Attainment											
Course :MCCL											
Class: MBA II Sem.-III      A.Y. 2018-19      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ18501	5		4	5	5		20	10	49	49
2	VZ18502	3		2	3	2		20	10	40	40
3	VZ18503	5		4		5	5	20	10	49	49
4	VZ18504	5		5		2	5	20	10	47	47
5	VZ18505		5	4		5	5	20	10	49	49
6	VZ18506		3	2		3	2	20	10	40	40
7	VZ18507	5		5		2	5	20	10	47	47
8	VZ18508	5		4	5		5	20	10	49	49
9	VZ18509		2	3	5		5	20	10	45	45
10	VZ18520		2	3	5	5		20	10	45	45
11	VZ18521	1		1	1	2		10	10	25	25
12	VZ18532	5		4	5	5		20	10	49	49

13	VZ18533	5		4	5	5		20	10	4 9	49
14	VZ18534	5	4		5	5		20	10	4 9	49
15	VZ18535	5	5		2	5		20	10	4 7	47
16	VZ18536	5	5		2	5		20	10	4 7	47
17	VZ18537	5	4		5		5	20	10	4 9	49
18	VZ18538	5	4		5		5	20	10	4 9	49
19	VZ18539	5	4			5	5	20	10	4 9	49
20	VZ18540	5	5			2	5	20	10	4 7	47
21	VZ18541	1		1		5	5	20	10	4 2	42
22	VZ18542	5		5		2	5	20	10	4 7	47
23	VZ18543	5		5		2	5	20	10	4 7	47
24	VZ18544		2	3		5	5	20	10	4 5	45
25	VZ18545		2	3		5	5	20	10	4 5	45
26	VZ18546		3	2	3		2	20	10	4 0	40
27	VZ18547		3	2	3		2	20	10	4 0	40
28	VZ18548		2	3	5	5		20	10	4 5	45
29	VZ18549		1	1	5	5		20	10	4 2	42
30	VZ18550	2		3	5	5		20	10	4 5	45
31	VZ18551	3		2	3	2		20	10	4 0	40
32	VZ18552	2		3	5	5		20	10	4 5	45
33	VZ18553	3	2		3		2	20	10	4 0	40
34	VZ18554	1	1		5		5	20	10	4 2	42
35	VZ18555	2	3			5	5	20	10	4 5	45
36	VZ18556	3	2			3	2	20	10	4 0	40
37	VZ18557	5	5			2	5	20	10	4 7	47

38	VZ18558	3	2			3	2	20	10	40	40
39	VZ18559	3		2		3	2	20	10	40	40
40	VZ18570	3		2		3	2	20	10	40	40
<b>No. of Students Attempted</b>		<b>30</b>	<b>23</b>	<b>27</b>	<b>22</b>	<b>32</b>	<b>26</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>19</b>	<b>11</b>	<b>12</b>	<b>17</b>	<b>19</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>63</b>	<b>47</b>	<b>44</b>	<b>77</b>	<b>59</b>	<b>53</b>				<b>82.5</b>
		<b>.3</b>	<b>.8</b>	<b>.4</b>	<b>.2</b>	<b>.3</b>	<b>.8</b>				
		<b>3</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>5</b>				
<b>Attainment Level</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>8</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>6</b>	<b>6</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>3</b>	<b>28</b>	<b>4</b>	<b>45</b>	<b>35</b>	<b>5</b>				
<b>Total CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>75</b>	<b>57</b>	<b>58</b>	<b>77</b>	<b>58</b>	<b>93</b>				
<b>Average CO Attainment</b>											<b>2.7</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>4</b>
<b>Level 2</b>	<b>14</b>	<b>11</b>	<b>12</b>	<b>10</b>	<b>12</b>	<b>12</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>24</b>
<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.28</b>	<b>2.4</b>	<b>2.45</b>	<b>2.35</b>	<b>2.5</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12
CO1	3	2	3	2	3		2	2	2	1	2	3
CO2	1			1		3	1		1		3	2
CO3	2	2	3		1	2	3	3	3			
CO4		3	2	2	2		1			2	1	1
CO5	2			3		1		2	1	3		
CO6		1	1		1	2		1	2	2	2	1
<b>Average PO Attainment</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>1.8</b>	<b>1.8</b>	<b>2.03</b>	<b>1.8</b>	<b>1.58</b>	<b>1.8</b>	<b>1.58</b>	<b>1.8</b>	<b>1.62</b>	<b>1.8</b>	<b>1.8</b>	<b>1.58</b>

Computation of CO Direct Attainment											
Course :OR											
Class: MBA II Sem.-III      A.Y. 2018-19      Couse Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ18501	5	4		5	5		20	10	49	40
2	VZ18502	3	2		3	2		20	10	40	39



3	VZ18503	5	4		5	5		20	10	4 9	47
4	VZ18504	5	5		2	5		20	10	4 7	41
5	VZ18505	5	4		5	5		20	10	4 9	36
6	VZ18506	3		2	3		2	20	10	4 0	AA
7	VZ18507	5		5	2		5	20	10	4 7	37
8	VZ18508		5	4	5		5	20	10	4 9	40
9	VZ18509		2	3		5	5	20	10	4 5	27
10	VZ18520		2	3		5	5	20	10	4 5	33
11	VZ18521		2	3		5	3	10	10	3 0	26
12	VZ18532		5	4		5	5	20	10	4 9	44
13	VZ18533		5	4		5	5	20	10	4 9	42
14	VZ18534		5	4		5	5	20	10	4 9	43
15	VZ18535	5		5		2	5	20	10	4 7	43
16	VZ18536	5		5	2		5	20	10	4 7	42
17	VZ18537	5		4	5		5	20	10	4 9	43
18	VZ18538	5	4		5		5	20	10	4 9	46
19	VZ18539	5	4		5	5		20	10	4 9	46
20	VZ18540	5	5		2	5		20	10	4 7	42
21	VZ18541	1	1		5	5		20	10	4 2	31
22	VZ18542	5	5		2	5		20	10	4 7	44
23	VZ18543	5	5		2	5		20	10	4 7	42
24	VZ18544	2	3		5	5		20	10	4 5	43
25	VZ18545	2		3	5	5		20	10	4 5	41
26	VZ18546	3		2	3		2	20	10	4 0	25
27	VZ18547		3	2	3		2	20	10	4 0	46

28	VZ18548		2	3		5	5	20	10	4 5	41
29	VZ18549		1	1		5	5	20	10	4 2	40
30	VZ18550		2	3		5	5	20	10	4 5	34
31	VZ18551		3	2		3	2	20	10	4 0	36
32	VZ18552		2	3		5	5	20	10	4 5	25
33	VZ18553	3		2		3	2	20	10	4 0	27
34	VZ18554	1		1	5		5	20	10	4 2	34
35	VZ18555	2		3	5		5	20	10	4 5	42
36	VZ18556	3	2		3	2		20	10	4 0	38
37	VZ18557	5	5		2	5		20	10	4 7	42
38	VZ18558	3	2		3	2		20	10	4 0	41
39	VZ18559	3	2		3	2		20	10	4 0	32
40	VZ18570	3	2		3		2	20	10	4 0	AA
<b>No. of Students Attempted</b>		<b>27</b>	<b>30</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>24</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>15</b>	<b>13</b>	<b>15</b>	<b>15</b>	<b>20</b>	<b>17</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>55</b> <b>.5</b> <b>6</b>	<b>43</b> <b>.3</b> <b>3</b>	<b>65</b> <b>.2</b> <b>2</b>	<b>55</b> <b>.5</b> <b>6</b>	<b>68</b> <b>.9</b> <b>7</b>	<b>70</b> <b>.8</b> <b>3</b>				<b>84.21</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b> <b>6</b>	<b>2.</b> <b>6</b>	<b>2.</b> <b>8</b>	<b>2.</b> <b>6</b>	<b>2.</b> <b>8</b>	<b>2.</b> <b>8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b> <b>25</b>	<b>2.</b> <b>28</b>	<b>2.</b> <b>38</b>	<b>2.</b> <b>53</b>	<b>2.</b> <b>43</b>	<b>2.</b> <b>5</b>				
<b>Total CO Attainment</b>		<b>2.</b> <b>57</b>	<b>2.</b> <b>57</b>	<b>2.</b> <b>76</b>	<b>2.</b> <b>59</b>	<b>2.</b> <b>76</b>	<b>2.</b> <b>93</b>				
<b>Average CO Attainment</b>											<b>2.7</b>

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	9	9	8	3	4	4
Level 2	12	11	9	13	15	12
Level 3	19	20	23	24	21	24
Total no. of students participated	40	40	40	40	40	40
CO Attainment Level	2.25	2.28	2.38	2.53	2.43	2.5

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		2		3	1		3	1	3	1	1	2
CO2	1	1	2	1		1	1	2			2	1
CO3	3	3	3	2	3	2	3	1	3	2		
CO4	1	1	2	2	2		1			2	2	1
CO5	2		3	3	3	1	3	2	1		3	3
CO6		1	1			3		1	2	2		
Average PO Attainment	1.75	1.6	2.2	2.2	2.25	1.75	2.2	1.4	2.25	1.75	2	1.75
PO's Attainment at Course Level	1.58	1.44	1.98	1.98	2.03	1.58	1.98	1.26	2.03	1.58	1.8	1.58

Computation of CO Direct Attainment											
Course :305											
Class: MBA II Sem.-III      A.Y. 2018-19      Course Code:											
Internal Assessment										External Assessment	
Sr. No.		Test-I (10)			Test-II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ18501		5	4		5	5	20	10	49	49
2	VZ18502		3	2		3	2	20	10	40	40
3	VZ18503		5	4		5	5	20	10	49	49
4	VZ18504		5	5		2	5	20	10	47	47
5	VZ18505		5	4		5	5	20	10	49	49
6	VZ18506		3	2		3	2	20	10	40	40
7	VZ18507	5		5	2		5	20	10	47	47
8	VZ18508	5		4	5		5	20	10	49	49
9	VZ18509	2	3		5		5	20	10	45	45
10	VZ18520	2	3		5	5		20	10	45	45
11	VZ18521	2	3		2	3		10	10	30	30
12	VZ18532	5	4		5	5		20	10	49	49
13	VZ18533	5	4		5	5		20	10	49	49
14	VZ18534	5	4		5	5		20	10	49	49
15	VZ18535	5	5		2	5		20	10	47	47

16	VZ18536	5		5	2	5		20	10	4 7	47
17	VZ18537	5		4	5	5		20	10	4 9	49
18	VZ18538	5		4	5		5	20	10	4 9	49
19	VZ18539		5	4	5		5	20	10	4 9	49
20	VZ18540		5	5		2	5	20	10	4 7	47
21	VZ18541		1	1		5	5	20	10	4 2	42
22	VZ18542		5	5		2	5	20	10	4 7	47
23	VZ18543		5	5		2	5	20	10	4 7	47
24	VZ18544		2	3		5	5	20	10	4 5	45
25	VZ18545		2	3		5	5	20	10	4 5	45
26	VZ18546	3		2		3	2	20	10	4 0	40
27	VZ18547	3		2		3	2	20	10	4 0	40
28	VZ18548	2		3	5		5	20	10	4 5	45
29	VZ18549	1	1		5	5		20	10	4 2	42
30	VZ18550	2	3		5	5		20	10	4 5	45
31	VZ18551	3	2		3	2		20	10	4 0	40
32	VZ18552	2	3		5	5		20	10	4 5	45
33	VZ18553	3	2		3	2		20	10	4 0	40
34	VZ18554	1	1		5	5		20	10	4 2	42
35	VZ18555	2		3	5		5	20	10	4 5	45
36	VZ18556	3		2		3	2	20	10	4 0	40
37	VZ18557		5	5		2	5	20	10	4 7	47
38	VZ18558		3	2		3	2	20	10	4 0	40
39	VZ18559		3	2		3	2	20	10	4 0	40
40	VZ18570		3	2	3		2	20	10	4 0	40



	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10		PO12
CO1	2	1	1	2	1	3	2		3	2	3	2
CO2	3	3	3	2		2	1	3	2			
CO3		1	3		2	2	2		1	3	2	1
CO4	2	2	1	3	2	1	1	2	2	2	1	
CO5	2			1	3			1	1	1	1	1
CO6		3	2		1	1	3	2			2	3
<b>Average PO Attainment</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>2.04</b>	<b>1.81</b>	<b>1.81</b>	<b>1.81</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>	<b>1.81</b>	<b>1.63</b>	<b>1.81</b>	<b>1.63</b>	<b>1.59</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :306</b>												
<b>Class: MBA II Sem.-III      A.Y. 2018-19      Couse Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)	Q 3(5)	20	10	50	50	
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6					
1	VZ18501	5		4		5	5	20	10	49	27	
2	VZ18502	3		2		3	2	20	10	40	28	
3	VZ18503		5	5		2	5	20	10	47	35	
4	VZ18504		5	4		5	5	20	10	49	34	
5	VZ18505		5	4		5	5	20	10	49	36	

6	VZ18506		3	2		3	2	20	10	4 0	29
7	VZ18507		5	3		5	5	20	10	4 8	29
8	VZ18508		5	4		5	5	20	10	4 9	34
9	VZ18509	3		2	3		2	20	10	4 0	25
10	VZ18520	2		3	5		5	20	10	4 5	25
11	VZ18521	2		3	2	3		10	10	3 0	25
12	VZ18532	5	4		5	5		20	10	4 9	27
13	VZ18533	5	4		5	5		20	10	4 9	30
14	VZ18534	5	4		5	5		20	10	4 9	28
15	VZ18535	5	5		2	5		20	10	4 7	26
16	VZ18536	5	5		2	5		20	10	4 7	26
17	VZ18537	5		4	5	5		20	10	4 9	25
18	VZ18538	5		4	5	5		20	10	4 9	30
19	VZ18539		5	4	5	5		20	10	4 9	29
20	VZ18540		5	5	2		5	20	10	4 7	25
21	VZ18541		3	2	3		2	20	10	4 0	26
22	VZ18542		5	5	2		5	20	10	4 7	27
23	VZ18543		5	5		2	5	20	10	4 7	25
24	VZ18544		2	3		5	5	20	10	4 5	25
25	VZ18545		1	1		5	5	20	10	4 2	25
26	VZ18546		3	2		3	2	20	10	4 0	30
27	VZ18547	3		2		3	2	20	10	4 0	29
28	VZ18548	5		5		2	5	20	10	4 7	29
29	VZ18549	2		3		5	5	20	10	4 5	26
30	VZ18550	2	3			5	5	20	10	4 5	27



31	VZ18551	3	2		3		2	20	10	4 0	28
32	VZ18552	2	3		5		5	20	10	4 5	23
33	VZ18553	3	2		3		2	20	10	4 0	27
34	VZ18554	3	2		3		2	20	10	4 0	29
35	VZ18555	5	5		2	5		20	10	4 7	25
36	VZ18556	3	2		3	2		20	10	4 0	25
37	VZ18557	5	5		2	5		20	10	4 7	25
38	VZ18558	3	2		3	2		20	10	4 0	25
39	VZ18559	3	2		3	2		20	10	4 0	28
40	VZ18570	3	2		3	2		20	10	4 0	29
<b>No. of Students Attempted</b>		<b>26</b>	<b>30</b>	<b>24</b>	<b>24</b>	<b>31</b>	<b>25</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>40</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>19</b>	<b>16</b>	<b>12</b>	<b>17</b>	<b>18</b>	<b>11</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>73</b> <b>.0</b> <b>8</b>	<b>53</b> <b>.3</b> <b>3</b>	<b>50</b>	<b>70</b> <b>.8</b> <b>3</b>	<b>58</b> <b>.0</b> <b>6</b>	<b>44</b>				<b>80</b>
<b>Attainment Level</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b> <b>8</b>	<b>2.</b> <b>6</b>	<b>2.</b> <b>6</b>	<b>2.</b> <b>8</b>	<b>2.</b> <b>6</b>	<b>2.</b> <b>6</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b> <b>28</b>	<b>2.</b> <b>33</b>	<b>2.</b> <b>35</b>	<b>2.</b> <b>5</b>	<b>2.</b> <b>35</b>	<b>2.</b> <b>5</b>				
<b>Total CO Attainment</b>		<b>2.</b> <b>75</b>	<b>2.</b> <b>57</b>	<b>2.</b> <b>58</b>	<b>2.</b> <b>77</b>	<b>2.</b> <b>58</b>	<b>2.</b> <b>93</b>				
<b>Average CO Attainment</b>											<b>2.7</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>5</b>	<b>7</b>	<b>4</b>

<b>Level 2</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>12</b>	<b>12</b>
<b>Level 3</b>	<b>20</b>	<b>22</b>	<b>22</b>	<b>25</b>	<b>21</b>	<b>24</b>
<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.28</b>	<b>2.33</b>	<b>2.35</b>	<b>2.5</b>	<b>2.35</b>	<b>2.5</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2		1	2	3	3	3	2	1	2	3	2
CO2	1	1	3	1	1	1	1	2	3		1	2
CO3	2	2	2	2	2	2				1		
CO4	1	1					1		2	2	1	2
CO5	2	3	3	1	1	1	3	2	3		2	3
CO6		1	1			3		1	2	1	2	1
<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.6</b>	<b>2</b>	<b>1.5</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2.2</b>	<b>1.5</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.44</b>	<b>1.44</b>	<b>1.8</b>	<b>1.35</b>	<b>1.58</b>	<b>1.8</b>	<b>1.8</b>	<b>1.58</b>	<b>1.98</b>	<b>1.35</b>	<b>1.62</b>	<b>1.8</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :307</b>
<b>Class: MBA II Sem.-III      A.Y. 2018-19      Couse Code:</b>

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
		Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)	Q 3(5)				
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	VZ18501	5	5	4	5			20	10	49	36
2	VZ18502	3	2	2	3			20	10	40	32
3	VZ18503	5	5		2	5		20	10	47	37
4	VZ18504	5	4		5	5		20	10	49	37
5	VZ18505	5	4		5	5		20	10	49	33
6	VZ18506	3	2		3	2		20	10	40	AA
7	VZ18507	5	3		5	5		20	10	48	29
8	VZ18508	5	4		5	5		20	10	49	30
9	VZ18509	3	2		3	2		20	10	40	25
10	VZ18520	2	3		5		5	20	10	45	34
11	VZ18521	1		2	2		3	12	10	30	30
12	VZ18532		5	4	5		5	20	10	49	31
13	VZ18533		5	4		5	5	20	10	49	28
14	VZ18534		5	3		5	5	20	10	48	29
15	VZ18535		5	5		2	5	20	10	47	28
16	VZ18536		5	5		2	5	20	10	47	26
17	VZ18537		5	4		5	5	20	10	49	26
18	VZ18538		5	4		5	5	20	10	49	26

19	VZ18539		5	4		5	5	20	10	4 9	32
20	VZ18540	5		5		2	5	20	10	4 7	27
21	VZ18541	3	2			3	2	20	10	4 0	31
22	VZ18542	5	5			2	5	20	10	4 7	30
23	VZ18543	5	5		2		5	20	10	4 7	25
24	VZ18544	2	3		5		5	20	10	4 5	31
25	VZ18545	2	3		2	5		20	10	4 2	31
26	VZ18546	3	2		3	2		20	10	4 0	28
27	VZ18547	3	2		3	2		20	10	4 0	27
28	VZ18548	5	5		2	5		20	10	4 7	30
29	VZ18549	2	3		5	5		20	10	4 5	25
30	VZ18550	2		3	5	5		20	10	4 5	29
31	VZ18551	3		2	3	2		20	10	4 0	30
32	VZ18552	2		3	5	5		20	10	4 5	25
33	VZ18553		3	2	3		2	20	10	4 0	25
34	VZ18554		3	2	3		2	20	10	4 0	29
35	VZ18555		5	5		2	5	20	10	4 7	26
36	VZ18556		3	2		3	2	20	10	4 0	27
37	VZ18557		5	5		2	5	20	10	4 7	28
38	VZ18558		3	2		3	2	20	10	4 0	18
39	VZ18559		3	2		3	2	20	10	4 0	26
40	VZ18570		3	2		3	2	20	10	4 0	AA
<b>No. of Students Attempted</b>		<b>24</b>	<b>35</b>	<b>23</b>	<b>24</b>	<b>31</b>	<b>23</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>24</b>	<b>13</b>	<b>13</b>	<b>16</b>	<b>16</b>				

In External Assessment No. of Students Secured > =Threshold marks (50%=25 Marks)												31
% of students secured >= Threshold marks	41 .6 7	68 .5 7	56 .5 2	54 .1 7	51 .6 1	69 .5 7						81.58
Attainment Level	1	2	1	1	1	2						3
Direct CO Attainment	2. 6	2. 8	2. 6	2. 6	2. 6	2. 8						
Indirect CO Attainment Level	2. 23	2. 28	2. 33	2. 45	2. 35	2. 43						
Total CO Attainment	2. 56	2. 75	2. 57	2. 59	2. 58	2. 93						
Average CO Attainment												2.66

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	10	9	9	6	7	7
Level 2	11	11	9	10	12	9
Level 3	19	20	22	24	21	24
Total no. of students participated	40	40	40	40	40	40
CO Attainment Level	2.23	2.28	2.33	2.45	2.35	2.43

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO11	PO1 2
CO1	1	1	2		3	1	3		1	3	2	1
CO2	3	2	3	2		2	2	2	2			
CO3		1	1		1		2		3	2	1	2

CO4	2	2		1	2	1	1	2		1	3	
CO5	2			2	3			2	1	2	2	3
CO6		3	2	3		2		3			1	2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>1.5</b>	<b>2</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.77</b>	<b>1.6</b>	<b>1.77</b>	<b>1.77</b>	<b>2</b>	<b>1.33</b>	<b>1.77</b>	<b>2</b>	<b>1.55</b>	<b>1.77</b>	<b>1.6</b>	<b>1.77</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :308</b>												
<b>Class: MBA II Sem.-III      A.Y. 2018-19      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Se mi nar</b>	<b>Assig nme nt</b>	<b>T o ta l</b>	<b>Marks</b>	
	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	50		
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6					
1	VZ18501		5	4		5	5	20	10	49	34	
2	VZ18502		3	2		3	2	20	10	40	25	
3	VZ18503		5	5		2	5	20	10	47	38	
4	VZ18504		5	4	5		5	20	10	49	33	
5	VZ18505		5	4	5	5		20	10	49	34	
6	VZ18506		3	2	3	2		20	10	40	25	
7	VZ18507		5	5	3	5		20	10	48	27	
8	VZ18508	5		4	5	5		20	10	49	31	

9	VZ18509	3	2		3	2		20	10	4 0	25
10	VZ18520	2	3		5	5		20	10	4 5	12
11	VZ18521	1	2		2	3		12	10	3 0	25
12	VZ18532	5	4		5		5	20	10	4 9	29
13	VZ18533	5	4		5		5	20	10	4 9	29
14	VZ18534	5	4		5		5	20	10	4 9	29
15	VZ18535	5	5			2	5	20	10	4 7	29
16	VZ18536	5	5			2	5	20	10	4 7	28
17	VZ18537	5		4		5	5	20	10	4 9	32
18	VZ18538	5		4		5	5	20	10	4 9	27
19	VZ18539		5	4		5	5	20	10	4 9	31
20	VZ18540		5	5		2	5	20	10	4 7	27
21	VZ18541		3	2		3	2	20	10	4 0	28
22	VZ18542		5	5	2		5	20	10	4 7	29
23	VZ18543		5	5	2		5	20	10	4 7	28
24	VZ18544		2	3	5	5		20	10	4 5	29
25	VZ18545		3	2	3	4		20	10	4 2	29
26	VZ18546	3		2	3	2		20	10	4 0	26
27	VZ18547	3		2	3	2		20	10	4 0	33
28	VZ18548	5	5		2	5		20	10	4 7	27
29	VZ18549	2	3		5	5		20	10	4 5	30
30	VZ18550	2	3		5	5		20	10	4 5	29
31	VZ18551	3	2		3		2	20	10	4 0	26
32	VZ18552	2	3		5		5	20	10	4 5	26
33	VZ18553	2		3		3	2	20	10	4 0	27

34	VZ18554	2		3		3	2	20	10	4 0	29
35	VZ18555	5		5		2	5	20	10	4 7	29
36	VZ18556		3	2		3	2	20	10	4 0	25
37	VZ18557		5	5		2	5	20	10	4 7	29
38	VZ18558		3	2	3		2	20	10	4 0	25
39	VZ18559		3	2	3		2	20	10	4 0	27
40	VZ18570		3	2	3		2	20	10	4 0	27
<b>No. of Students Attempted</b>		<b>21</b>	<b>32</b>	<b>27</b>	<b>25</b>	<b>29</b>	<b>26</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>40</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>21</b>	<b>12</b>	<b>17</b>	<b>15</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>66 .6 7</b>	<b>65 .6 3</b>	<b>44 .4 4</b>	<b>68</b>	<b>51 .7 2</b>	<b>53 .8 5</b>				<b>80</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2. 8</b>	<b>2. 8</b>	<b>2. 6</b>	<b>2. 8</b>	<b>2. 6</b>	<b>2. 6</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 3</b>	<b>2. 28</b>	<b>2. 4</b>	<b>2. 53</b>	<b>2. 43</b>	<b>2. 5</b>				
<b>Total CO Attainment</b>		<b>2. 75</b>	<b>2. 75</b>	<b>2. 58</b>	<b>2. 77</b>	<b>2. 58</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>2.73</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>4</b>
<b>Level 2</b>	<b>14</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>15</b>	<b>12</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>24</b>



Total no. of students participated	40	40	40	40	40	40
CO Attainment Level	2.3	2.28	2.4	2.53	2.43	2.5

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PO 9	PO1 0	PO11	PO1 2
CO1	3	2	1	3	2	1	3	1	3	2	1	
CO2		1		1		2	1	3	3	1	2	3
CO3	2	3	2	2	1	2	2	2	2	2	1	1
CO4	1	2	3	3	3		1	1		3	2	
CO5	3		2		2	1	2		1	3		1
CO6	2	2	1			2		2	2		3	3
Average PO Attainment	2.2	2	1.8	2.25	2	1.6	1.8	1.8	2.2	2.2	1.8	2
PO's Attainment at Course Level	2	1.82	1.64	2.05	1.82	1.46	1.64	1.64	2	2	1.64	1.82

Computation of CO Direct Attainment							
Course :309							
Class: MBA II Sem.-III      A.Y. 2018-19      Course Code:							
Internal Assessment							External Assessment
Sr. No.		Test-I (10)	Test -II (10)	Seminar	Assignment	Total	Marks

	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	5 0	50
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18501		4	5		5	5	20	10	4 9	25
2	VZ18502		2	3		3	2	20	10	4 0	25
3	VZ18503		3	2	5		5	20	10	4 5	28
4	VZ18504		4	5	5		5	20	10	4 9	28
5	VZ18505	5	4		5	5		20	10	4 9	27
6	VZ18506	3	2		3	2		20	10	4 0	aa
7	VZ18507	5	5		3	5		20	10	4 8	25
8	VZ18508	5		4	5	5		20	10	4 9	28
9	VZ18509	3		2	3	2		20	10	4 0	25
10	VZ18520		2	3	5	5		20	10	4 5	31
11	VZ18521		3	2	5		5	5	10	3 0	27
12	VZ18532		5	4	5		5	20	10	4 9	30
13	VZ18533		5	4		5	5	20	10	4 9	26
14	VZ18534		5	4		5	5	20	10	4 9	29
15	VZ18535		5	5		2	5	20	10	4 7	30
16	VZ18536		5	5		2	5	20	10	4 7	29
17	VZ18537	5		5		4	5	20	10	4 9	26
18	VZ18538	5		4		5	5	20	10	4 9	29
19	VZ18539	5	4			5	5	20	10	4 9	30
20	VZ18540	5	5			2	5	20	10	4 7	28
21	VZ18541	3	2		3		2	20	10	4 0	26
22	VZ18542	5	5		2		5	20	10	4 7	25

23	VZ18543	5	5		2	5		20	10	4 7	27	
24	VZ18544	2	3		5	5		20	10	4 5	25	
25	VZ18545	3	4		3	2		20	10	4 2	27	
26	VZ18546	3		2	3	2		20	10	4 0	29	
27	VZ18547	3		2	3	2		20	10	4 0	29	
28	VZ18548	5		5	2	5		20	10	4 7	25	
29	VZ18549		2	3	5	5		20	10	4 5	30	
30	VZ18550		2	3	5	5		20	10	4 5	26	
31	VZ18551		3	2	3		2	20	10	4 0	25	
32	VZ18552		2	3	5		5	20	10	4 5	18	
33	VZ18553		3	2		3	2	20	10	4 0	25	
34	VZ18554		3	2		3	2	20	10	4 0	25	
35	VZ18555		5	5		2	5	20	10	4 7	29	
36	VZ18556	3		2		3	2	20	10	4 0	25	
37	VZ18557	5		5		2	5	20	10	4 7	25	
38	VZ18558	3	2			3	2	20	10	4 0	25	
39	VZ18559	3	2		3		2	20	10	4 0	25	
40	VZ18570	3	2		3		2	20	10	4 0	aa	
<b>No. of Students Attempted</b>		<b>22</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>30</b>	<b>26</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>18</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>16</b>	<b>14</b>					
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											31	
<b>% of students secured &gt;= Threshold marks</b>		<b>81 .8 2</b>	<b>51 .6 1</b>	<b>55 .5 6</b>	<b>66 .6 7</b>	<b>53 .3 3</b>	<b>53 .8 5</b>					<b>81.58</b>
<b>Attainment Level</b>		<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>3</b>	
<b>Direct CO Attainment</b>		<b>3</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 8</b>	<b>2. 6</b>	<b>2. 6</b>					

<b>Indirect CO Attainment Level</b>	<b>2.38</b>	<b>2.4</b>	<b>2.48</b>	<b>2.6</b>	<b>2.5</b>	<b>2.58</b>				
<b>Total CO Attainment</b>	<b>2.94</b>	<b>2.58</b>	<b>2.59</b>	<b>2.78</b>	<b>2.59</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.74</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>4</b>
<b>Level 2</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>12</b>	<b>9</b>
<b>Level 3</b>	<b>22</b>	<b>23</b>	<b>25</b>	<b>27</b>	<b>24</b>	<b>27</b>
<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.38</b>	<b>2.4</b>	<b>2.48</b>	<b>2.6</b>	<b>2.5</b>	<b>2.58</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	2	3	1	2	1	3	2	1	3	2	1
CO2	3		2	2		2		1		1		2
CO3		2	1		2		2	3	2	2	1	2
CO4	2	1	3	1	1		1	2	3	3	3	
CO5	3	3	2	3	3	2	3		2		2	1
CO6	1	2		2	1	3	2	2	1			2

Average PO Attainment	2.2	2	2.2	1.8	1.8	2	2.2	2	1.8	2.25	2	1.6
PO's Attainment at Course Level	2.01	1.83	2.01	1.64	1.64	1.83	2.01	1.83	1.64	2.06	1.83	1.46

Computation of CO Direct Attainment											
Course :IBM											
Class: MBA II Sem.-III      A.Y. 2018-19      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)	Q 3(5)	20	10	50	
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18501	5	5	4	5			20	10	49	21
2	VZ18502	3	2	2	3			20	10	40	26
3	VZ18503	2	3		5	5		20	10	45	32
4	VZ18504	2	3		5	5		20	10	45	25
5	VZ18505	5	4		5	5		20	10	49	31
6	VZ18506	3	2		3	2		20	10	40	6
7	VZ18507	2	3		5	5		20	10	45	25
8	VZ18508	5		4	5	5		20	10	49	28
9	VZ18509	3		2	3	2		20	10	40	25

10	VZ18520		3	2	3		2	20	10	4 0	27
11	VZ18521		2	2	2		2	20	10	3 8	25
12	VZ18532		5	4		5	5	20	10	4 9	32
13	VZ18533		2	3		5	5	20	10	4 5	29
14	VZ18534		5	4		5	5	20	10	4 9	32
15	VZ18535		2	3		5	5	20	10	4 5	27
16	VZ18536	2		3		5	5	20	10	4 5	26
17	VZ18537	5		4		5	5	20	10	4 9	29
18	VZ18538	5	4			5	5	20	10	4 9	32
19	VZ18539	5	4		5		5	20	10	4 9	32
20	VZ18540	3	2		3		2	20	10	4 0	29
21	VZ18541	2	3		2		3	15	10	3 5	27
22	VZ18542	2	3		5	5		20	10	4 5	27
23	VZ18543	2	3		5	5		20	10	4 5	26
24	VZ18544	3		2	3	2		20	10	4 0	26
25	VZ18545	3		4	3	2		20	10	4 2	27
26	VZ18546		3	2	3	2		18	10	3 8	10
27	VZ18547		3	2	3	2		20	10	4 0	31
28	VZ18548		3	2	3	2		20	10	4 0	29
29	VZ18549		3	2	3		2	20	10	4 0	27
30	VZ18550		2	3	5		5	20	10	4 5	32
31	VZ18551		3	2		3	2	20	10	4 0	32
32	VZ18552		3	2		3	2	20	10	4 0	25
33	VZ18553	2		3		2	3	15	10	3 5	28
34	VZ18554	3		2		3	2	20	10	4 0	25

35	VZ18555	2	0			5	5	10	10	3 2	32	
36	VZ18556	5	5			0	2	20	10	3 2	25	
37	VZ18557	3	2			3	2	20	10	4 0	27	
38	VZ18558	3	2		3		2	18	10	3 8	28	
39	VZ18559	1	2		2		3	12	10	3 0	25	
40	VZ18570	3	2		3		2	18	10	3 8	25	
<b>No. of Students Attempted</b>		<b>27</b>	<b>32</b>	<b>23</b>	<b>26</b>	<b>28</b>	<b>24</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>40</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>13</b>	<b>15</b>	<b>10</b>	<b>16</b>	<b>15</b>	<b>13</b>					
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>	
<b>% of students secured &gt;= Threshold marks</b>		<b>48 .1 5</b>	<b>46 .8 8</b>	<b>43 .4 8</b>	<b>61 .5 4</b>	<b>53 .5 7</b>	<b>54 .1 7</b>					<b>80</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>3</b>	
<b>Direct CO Attainment</b>		<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 8</b>	<b>2. 6</b>	<b>2. 6</b>					
<b>Indirect CO Attainment Level</b>		<b>2. 23</b>	<b>2. 28</b>	<b>2. 48</b>	<b>2. 6</b>	<b>2. 43</b>	<b>2. 43</b>					
<b>Total CO Attainment</b>		<b>2. 56</b>	<b>2. 57</b>	<b>2. 59</b>	<b>2. 78</b>	<b>2. 58</b>	<b>2. 93</b>					
<b>Average CO Attainment</b>											<b>2.67</b>	

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>10</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>7</b>
<b>Level 2</b>	<b>11</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>15</b>	<b>9</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>25</b>	<b>27</b>	<b>21</b>	<b>24</b>

Total no. of students participated	40	40	40	40	40	40
CO Attainment Level	2.23	2.28	2.48	2.6	2.43	2.43

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO11	PO1 2
CO1	3	3	1	3	2		3	3	2	3		1
CO2	2	3	3	2	3	2	2	2	3	2	3	3
CO3		2	1	3	2	1		3	1	1	1	
CO4	2	1	2	2	1	2	3	2	2	3		1
CO5	3	2		2		3	2		3	2	2	3
CO6	2	3	2	1	2	2	1	3			3	2
Average PO Attainment	2.4	2.33	1.8	2.17	2	2	2.2	2.6	2.2	2.2	2.25	2
PO's Attainment at Course Level	2.14	2.07	1.6	1.93	1.78	1.78	1.96	2.31	1.96	1.96	2	1.78

Computation of CO Direct Attainment							
Course :402							
Class: MBA II Sem.-IV      A.Y. 2018-19      Couse Code:							
Internal Assessment							External Assessment
Sr. No.		Test-I (10)	Test -II (10)	Seminar	Assignment	T o	Marks



										ta	
	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	5 0	50
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18501	5		4	5	5		20	10	4 9	21
2	VZ18502	3		2	3	2		20	10	4 0	25
3	VZ18503	5		4	5	4		20	10	4 8	27
4	VZ18504	3	2		3	2		20	10	4 0	27
5	VZ18505	5	4		5	5		20	10	4 9	28
6	VZ18506	3	2		3	2		20	10	4 0	aa
7	VZ18507	5	4		5	4		20	10	4 8	25
8	VZ18508	5	4		5	5		20	10	4 9	27
9	VZ18509	3	2		3		2	20	10	4 0	21
10	VZ18520	3	2		3		2	20	10	4 0	26
11	VZ18521	3	5		2		2	16	10	3 8	30
12	VZ18532	5		4		5	4	20	10	4 8	27
13	VZ18533	2		3		5	5	20	10	4 5	25
14	VZ18534		5	4		5	5	20	10	4 9	25
15	VZ18535		5	4		5	5	20	10	4 9	25
16	VZ18536		2	3		5	5	20	10	4 5	19
17	VZ18537		5	4		5	5	20	10	4 9	25
18	VZ18538		5	4		5	5	20	10	4 9	28
19	VZ18539		5	4		5	5	20	10	4 9	30
20	VZ18540	2		3	5		5	20	10	4 5	26
21	VZ18541	3		2	3		2	20	10	4 0	25

22	VZ18542	2	3		5		5	20	10	4 5	25
23	VZ18543	5	4		5	4		20	10	4 8	25
24	VZ18544	2	3		5	5		20	10	4 5	25
25	VZ18545	3	2		3	2		20	10	4 0	25
26	VZ18546	3	2		3	2		20	10	4 0	21
27	VZ18547	3	2		3	2		20	10	4 0	25
28	VZ18548	3		2	3	2		20	10	4 0	25
29	VZ18549	5		4	5	4		20	10	4 8	25
30	VZ18550		2	3	5		5	20	10	4 5	29
31	VZ18551		3	2	3		2	20	10	4 0	27
32	VZ18552		3	2	3		2	20	10	4 0	25
33	VZ18553		3	2		3	2	20	10	4 0	26
34	VZ18554		3	2		3	2	20	10	4 0	25
35	VZ18555		3	2		3	2	20	10	4 0	26
36	VZ18556	3		2		3	2	20	10	4 0	25
37	VZ18557	2		3		5	5	20	10	4 5	25
38	VZ18558	3	2			3	2	20	10	4 0	25
39	VZ18559	3	2			3	2	20	10	4 0	25
40	VZ18570	3	2			3	2	18	10	3 8	aa
<b>No. of Students Attempted</b>		<b>28</b>	<b>29</b>	<b>23</b>	<b>24</b>	<b>31</b>	<b>25</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>16</b>	<b>15</b>	<b>12</b>	<b>16</b>	<b>20</b>	<b>12</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											29
<b>% of students secured &gt;= Threshold marks</b>		<b>57 .1 4</b>	<b>51 .7 2</b>	<b>52 .1 7</b>	<b>66 .6 7</b>	<b>64 .5 2</b>	<b>48</b>				<b>76.32</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>				<b>2</b>

<b>Direct CO Attainment</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>1.8</b>				
<b>Indirect CO Attainment Level</b>	<b>2.3</b>	<b>2.38</b>	<b>2.4</b>	<b>2.45</b>	<b>2.43</b>	<b>2.58</b>				
<b>Total CO Attainment</b>	<b>1.85</b>	<b>1.86</b>	<b>1.86</b>	<b>2.05</b>	<b>2.04</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.1</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>4</b>
<b>Level 2</b>	<b>14</b>	<b>9</b>	<b>12</b>	<b>10</b>	<b>15</b>	<b>9</b>
<b>Level 3</b>	<b>19</b>	<b>23</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>27</b>
<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.38</b>	<b>2.4</b>	<b>2.45</b>	<b>2.43</b>	<b>2.58</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	<b>1</b>	<b>1</b>		<b>2</b>	<b>2</b>	<b>2</b>		<b>3</b>		<b>3</b>	<b>3</b>	<b>1</b>
<b>CO2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>		<b>2</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	
<b>CO3</b>	<b>3</b>		<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>CO4</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>			<b>2</b>		<b>2</b>
<b>CO5</b>	<b>1</b>	<b>2</b>	<b>3</b>			<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>
<b>CO6</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>		<b>3</b>	<b>3</b>		<b>1</b>	<b>2</b>

Average PO Attainment	1.8	1.6	2.2	1.8	1.75	2	1.75	2.6	2.25	1.8	2.2	2.2
PO's Attainment at Course Level	1.26	1.12	1.54	1.26	1.23	1.4	1.23	1.82	1.58	1.26	1.54	1.54

Computation of CO Direct Attainment												
Course :403												
Class: MBA II Sem.-IV      A.Y. 2018-19      Course Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		MAX.	Q 1(5)	Q 2(5)	Q 3(5)	Q 1(5)	Q 2(5)					Q 3(5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5					CO 6
1	VZ18501	5		4		5	5	20	10	49	25	
2	VZ18502	3	2			3	2	20	10	40	27	
3	VZ18503	5	4			5		20	10	49	33	
4	VZ18504	5	4			5	5	20	10	49	25	
5	VZ18505	5	4			5	5	20	10	49	26	
6	VZ18506	3	2			3	2	20	10	40	aa	
7	VZ18507	3	2			3	2	20	10	40	25	
8	VZ18508	5		4		5	5	20	10	49	31	
9	VZ18509	3		2		3	2	20	10	40	20	

10	VZ18520		3	2	3		2	20	10	4 0	27
11	VZ18521		3	2	3		2	18	10	3 8	28
12	VZ18532		5	4		5	5	20	10	4 9	29
13	VZ18533		2	3		5	5	20	10	4 5	34
14	VZ18534		5	4		5	5	20	10	4 9	33
15	VZ18535		3	2		3	2	20	10	4 0	30
16	VZ18536	2		3		5	5	20	10	4 5	31
17	VZ18537	5		4		5	5	20	10	4 9	30
18	VZ18538	5	4			5	5	20	10	4 9	35
19	VZ18539	5	4		5		5	20	10	4 9	34
20	VZ18540	5	4		5		5	20	10	4 9	28
21	VZ18541	3	2		3		2	20	10	4 0	27
22	VZ18542	5	4		5	5		20	10	4 9	28
23	VZ18543	2	3		5	5		20	10	4 5	28
24	VZ18544	3	2		3	2		20	10	4 0	29
25	VZ18545	2		3	5	5		20	10	4 5	27
26	VZ18546	3		2	3	2		20	10	4 0	25
27	VZ18547		3	2	3	2		20	10	4 0	29
28	VZ18548		2	3	5	5		20	10	4 5	28
29	VZ18549		2	3	5		5	20	10	4 5	29
30	VZ18550		2	3	5		5	20	10	4 5	29
31	VZ18551		2	3		5	5	20	10	4 5	31
32	VZ18552		3	2		3	2	7	10	2 7	27
33	VZ18553	3		2		3	2	5	10	2 5	25
34	VZ18554	3		2		3	2	20	10	4 0	21

35	VZ18555	3	2			3	2	20	10	4 0	29
36	VZ18556	3	2			3	2	20	10	4 0	27
37	VZ18557	5	4			5	5	20	10	4 9	26
38	VZ18558	3	2			3	2	20	10	4 0	26
39	VZ18559	3	2		3		2	15	10	3 5	28
40	VZ18570	3	2		3		2	18	10	3 8	aa
<b>No. of Students Attempted</b>		<b>28</b>	<b>31</b>	<b>21</b>	<b>23</b>	<b>30</b>	<b>27</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>18</b>	<b>13</b>	<b>11</b>	<b>18</b>	<b>20</b>	<b>12</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											30
<b>% of students secured &gt;= Threshold marks</b>		<b>64</b> <b>.2</b> <b>9</b>	<b>41</b> <b>.9</b> <b>4</b>	<b>52</b> <b>.3</b> <b>8</b>	<b>78</b> <b>.2</b> <b>6</b>	<b>66</b> <b>.6</b> <b>7</b>	<b>44</b> <b>.4</b> <b>4</b>				<b>78.95</b>
<b>Attainment Level</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>2</b>	<b>1.</b> <b>8</b>	<b>1.</b> <b>8</b>	<b>2</b>	<b>2</b>	<b>1.</b> <b>8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b> <b>38</b>	<b>2.</b> <b>28</b>	<b>2.</b> <b>33</b>	<b>2.</b> <b>53</b>	<b>2.</b> <b>5</b>	<b>2.</b> <b>5</b>				
<b>Total CO Attainment</b>		<b>2.</b> <b>04</b>	<b>1.</b> <b>85</b>	<b>1.</b> <b>85</b>	<b>2.</b> <b>05</b>	<b>2.</b> <b>05</b>	<b>2.</b> <b>93</b>				
<b>Average CO Attainment</b>											2.13

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>9</b>	<b>9</b>	<b>3</b>	<b>4</b>	<b>4</b>
<b>Level 2</b>	<b>11</b>	<b>11</b>	<b>9</b>	<b>13</b>	<b>12</b>	<b>12</b>
<b>Level 3</b>	<b>22</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>24</b>	<b>24</b>



	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	5 0	50
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18501	4		5	5	5		20	10	4 9	25
2	VZ18502	2		3	3	2		20	10	4 0	27
3	VZ18503		2	3	5	5		20	10	4 5	36
4	VZ18504		5	5	2	5		20	10	4 7	26
5	VZ18505		5	4	5	5		20	10	4 9	31
6	VZ18506		3	2	3		2	18	10	3 8	aa
7	VZ18507		2	3	5		5	20	10	4 5	27
8	VZ18508		5	4	5		5	20	10	4 9	33
9	VZ18509		3	2		3	2	20	10	4 0	27
10	VZ18520		3	2		3	2	20	10	4 0	26
11	VZ18521		3	2		3	2	18	10	3 8	26
12	VZ18532	4		5		5	5	20	10	4 9	35
13	VZ18533	2		3		3	2	20	10	4 0	30
14	VZ18534	4		5		5	5	20	10	4 9	25
15	VZ18535	5	5			2	5	20	10	4 7	25
16	VZ18536	3	2			3	2	20	10	4 0	28
17	VZ18537	3	2			3	2	5	10	2 5	25
18	VZ18538	3	2		3		2	8	10	2 8	28
19	VZ18539	5	4		5		5	20	10	4 9	36
20	VZ18540	3	2		3		4	20	10	4 2	25
21	VZ18541	1	2		2		3	12	10	3 0	28
22	VZ18542	3	2		3		4	20	10	4 2	25



23	VZ18543	2		3	3	2		20	10	4 0	27
24	VZ18544	2		3	3	2		20	10	4 0	30
25	VZ18545		3	2	3	4		20	10	4 2	26
26	VZ18546		1	2	2	3		12	10	3 0	25
27	VZ18547		3	2	3	2		20	10	4 0	30
28	VZ18548		3	2	3	4		20	10	4 2	13
29	VZ18549		3	2	3	2		20	10	4 0	28
30	VZ18550		3	2	3		2	20	10	4 0	25
31	VZ18551		2	3	3		2	15	10	3 5	26
32	VZ18552	2		3		3	2	20	10	4 0	25
33	VZ18553	2		3		3	2	15	10	3 5	16
34	VZ18554	2		3		2	3	20	10	4 0	20
35	VZ18555	3	2			2	3	20	10	4 0	28
36	VZ18556	3	2			2	3	12	10	3 2	25
37	VZ18557	2	3			5	5	20	10	4 5	26
38	VZ18558	3	2		3		2	20	10	4 0	21
39	VZ18559	1	2		2		3	12	10	3 0	25
40	VZ18570	2		3	3		2	18	10	3 8	aa
<b>No. of Students Attempted</b>		<b>24</b>	<b>29</b>	<b>27</b>	<b>25</b>	<b>27</b>	<b>28</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>12</b>	<b>11</b>	<b>15</b>	<b>14</b>	<b>13</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>28</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>50</b>	<b>41 .3 8</b>	<b>40 .7 4</b>	<b>60</b>	<b>51 .8 5</b>	<b>46 .4 3</b>				<b>73.68</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>2</b>	<b>1. 8</b>	<b>1. 8</b>				

<b>Indirect CO Attainment Level</b>	<b>2.25</b>	<b>2.25</b>	<b>2.35</b>	<b>2.48</b>	<b>2.38</b>	<b>2.45</b>				
<b>Total CO Attainment</b>	<b>1.85</b>	<b>1.85</b>	<b>1.86</b>	<b>2.05</b>	<b>1.86</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.07</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>9</b>	<b>10</b>	<b>8</b>	<b>5</b>	<b>6</b>	<b>6</b>
<b>Level 2</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>11</b>	<b>13</b>	<b>10</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>24</b>
<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.25</b>	<b>2.25</b>	<b>2.35</b>	<b>2.48</b>	<b>2.38</b>	<b>2.45</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2			2	3	1	3	1	3	1	3	2
CO2	1	3	3	2		3	2		2	2		
CO3	2	2			2	2	1	2	1		1	
CO4	1	3	1	1	1		2	1	2	1	3	2
CO5	2			2		1	3	2		3		1
CO6		1	2		2	2		3	3	2	2	2

Average PO Attainment	1.6	2.25	2	1.75	2	1.8	2.2	1.8	2.2	1.8	2.25	1.75
PO's Attainment at Course Level	1.1	1.55	1.38	1.21	1.38	1.24	1.52	1.24	1.52	1.24	1.55	1.21

Computation of CO Direct Attainment											
Course :405											
Class: MBA II Sem.-IV      A.Y. 2018-19      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ18501	5		4	5	5		20	10	49	49
2	VZ18502	3		2	3	2		20	10	40	40
3	VZ18503		2	3	5	5		20	10	45	45
4	VZ18504		2	3	5	5		20	10	45	45
5	VZ18505		5	4	5	5		20	10	49	49
6	VZ18506		3	2	3		2	20	10	40	40
7	VZ18507		2	3	5		5	20	10	45	45
8	VZ18508		5	4		5	5	20	10	49	49
9	VZ18509		3	2		3	2	20	10	40	40

10	VZ18520		3	2		3	3	20	10	4 1	41
11	VZ18521	3		2		3	2	18	10	3 8	38
12	VZ18532	5		4		5	5	20	10	4 9	49
13	VZ18533	2	3			5	5	20	10	4 5	45
14	VZ18534	5	4			5	5	20	10	4 9	49
15	VZ18535	2	3			5	5	20	10	4 5	45
16	VZ18536	2	3			5	5	20	10	4 5	45
17	VZ18537	5	4		5		5	20	10	4 9	49
18	VZ18538	5	4		5		5	20	10	4 9	49
19	VZ18539	5	4		5		5	20	10	4 9	49
20	VZ18540	3	2		3		2	20	10	4 0	40
21	VZ18541	2	3		5	5		10	10	3 5	35
22	VZ18542	2		3	5	5		20	10	4 5	45
23	VZ18543	2		3	5	5		20	10	4 5	45
24	VZ18544		3	2	3	2		20	10	4 0	40
25	VZ18545		3	2	3	4		20	10	4 2	42
26	VZ18546		3	2	3	2		18	10	3 8	38
27	VZ18547		3	2	3	2		20	10	4 0	40
28	VZ18548		2	3	3	2		20	10	4 0	40
29	VZ18549		2	3	3		2	20	10	4 0	40
30	VZ18550		2	3	5		5	20	10	4 5	45
31	VZ18551		2	3	3		2	20	10	4 0	40
32	VZ18552		3	3	3		2	20	10	4 0	40
33	VZ18553		5	5		2	3	10	10	3 5	35
34	VZ18554	3		2		3	2	20	10	4 0	40

35	VZ18555	3		2		3	2	20	10	40	40
36	VZ18556	2		3		3	5	10	10	32	32
37	VZ18557	3	2			3	2	20	10	40	40
38	VZ18558	3	2			3	2	18	10	38	38
39	VZ18559	1	2			2	3	12	10	30	30
40	VZ18570	3	2		3		2	20	10	40	40
<b>No. of Students Attempted</b>		<b>22</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>29</b>	<b>27</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>17</b>	<b>11</b>	<b>17</b>	<b>18</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>54</b>	<b>54</b>	<b>40</b>	<b>70</b>	<b>62</b>	<b>51</b>				<b>82.5</b>
		<b>.5</b>	<b>.8</b>	<b>.7</b>	<b>.8</b>	<b>.0</b>	<b>.8</b>				
		<b>5</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>5</b>				
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>6</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>8</b>	<b>6</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>33</b>	<b>3</b>	<b>43</b>	<b>55</b>	<b>45</b>	<b>48</b>				
<b>Total CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>57</b>	<b>57</b>	<b>58</b>	<b>78</b>	<b>77</b>	<b>93</b>				
<b>Average CO Attainment</b>											<b>2.7</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>4</b>
<b>Level 2</b>	<b>13</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>14</b>	<b>10</b>
<b>Level 3</b>	<b>20</b>	<b>21</b>	<b>23</b>	<b>25</b>	<b>22</b>	<b>25</b>



	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	5 0	50
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18501	2		3	5	5		20	10	4 5	40
2	VZ18502		3	2	3	2		20	10	4 0	36
3	VZ18503		2	3	5	5		20	10	4 5	40
4	VZ18504	3		2	3	4		20	10	4 2	38
5	VZ18505	5		5	2		5	20	10	4 7	40
6	VZ18506	3		2	3		2	20	10	4 0	36
7	VZ18507	3		2	3		2	20	10	4 0	39
8	VZ18508		2	3		5	5	20	10	4 5	40
9	VZ18509		3	2		3	2	20	10	4 0	32
10	VZ18520		3	2		3	2	20	10	4 0	37
11	VZ18521	1		2		2	3	12	10	3 0	30
12	VZ18532	2	3			5	5	20	10	4 5	41
13	VZ18533	3	2			3	2	20	10	4 0	36
14	VZ18534	2	3			5	5	20	10	4 5	41
15	VZ18535	2	3		3		4	20	10	4 2	40
16	VZ18536	2	3		3		2	20	10	4 0	40
17	VZ18537	4	4		3		2	20	10	4 3	40
18	VZ18538	2	3		3		4	20	10	4 2	41
19	VZ18539	3	4		3		4	20	10	4 4	45
20	VZ18540	2	3		3	2		20	10	4 0	38
21	VZ18541	3		2	3	2		20	10	4 0	30
22	VZ18542	3		2	3	2		20	10	4 0	30

23	VZ18543	3		2	3	3		20	10	4 1	38
24	VZ18544		2	3	3	2		20	10	4 0	32
25	VZ18545		2	3	3	2		20	10	4 0	32
26	VZ18546		2	3	3	2		18	10	3 8	30
27	VZ18547		2	3	3	4		20	10	4 2	32
28	VZ18548		2	3	3		2	20	10	4 0	30
29	VZ18549		2	3	3		3	20	10	4 1	30
30	VZ18550		3	2		3	2	20	10	4 0	35
31	VZ18551	2		3		3	2	20	10	4 0	30
32	VZ18552	2		3		3	2	20	10	4 0	32
33	VZ18553	2		3		3	2	20	10	4 0	30
34	VZ18554	3	2			3	2	20	10	4 0	40
35	VZ18555	3	2			3	2	18	10	3 8	38
36	VZ18556	0	0		0		0	0	0	a a	aa
37	VZ18557	3	5		3		3	20	10	4 3	39
38	VZ18558	3	2		2		3	20	10	4 0	32
39	VZ18559	3	2		2		3	18	10	3 8	30
40	VZ18570	3	2		2		3	20	10	4 0	32
<b>No. of Students Attempted</b>		<b>28</b>	<b>28</b>	<b>24</b>	<b>27</b>	<b>25</b>	<b>28</b>	<b>40</b>	<b>40</b>	<b>3 9</b>	<b>39</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>12</b>	<b>10</b>	<b>16</b>	<b>14</b>	<b>12</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>42 .8 6</b>	<b>42 .8 6</b>	<b>41 .6 7</b>	<b>59 .2 6</b>	<b>56</b>	<b>42 .8 6</b>				<b>82.05</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>	<b>2. 6</b>				



<b>Indirect CO Attainment Level</b>	<b>2.33</b>	<b>2.3</b>	<b>2.38</b>	<b>2.5</b>	<b>2.4</b>	<b>2.48</b>				
<b>Total CO Attainment</b>	<b>2.57</b>	<b>2.57</b>	<b>2.58</b>	<b>2.59</b>	<b>2.58</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.64</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>5</b>	<b>6</b>	<b>6</b>
<b>Level 2</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>12</b>	<b>9</b>
<b>Level 3</b>	<b>21</b>	<b>21</b>	<b>23</b>	<b>25</b>	<b>22</b>	<b>25</b>
<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.33</b>	<b>2.3</b>	<b>2.38</b>	<b>2.5</b>	<b>2.4</b>	<b>2.48</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	1		1	3	2	3	3	1	2	3	1	
<b>CO2</b>	2	1		2	1		2	3	1	2	2	1
<b>CO3</b>	2	2	3		2	3		2	1		1	
<b>CO4</b>	1	3	1	1	1		1			2	2	2
<b>CO5</b>	2			2		1	3	2	1	1		3
<b>CO6</b>		1	2		2	2		3	3	2	2	2

Average PO Attainment	1.6	1.75	1.75	2	1.6	2.25	2.25	2.2	1.6	2	1.6	2
PO's Attainment at Course Level	1.41	1.54	1.54	1.76	1.41	1.98	1.98	1.94	1.41	1.76	1.41	1.76

Computation of CO Direct Attainment												
Course :407												
Class: MBA II Sem.-IV      A.Y. 2018-19      Course Code:												
Internal Assessment										External Assessment		
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)					Q3(5)
		Seat No	CO1	CO2	CO3	CO4	CO5					CO6
1	VZ18501	5	4		5		5	20	10	49	27	
2	VZ18502	3	2		3		2	20	10	40	27	
3	VZ18503	5	4		5	5		20	10	49	30	
4	VZ18504	5	4		5	5		20	10	49	30	
5	VZ18505	5	4		5	5		20	10	49	38	
6	VZ18506	3	2		3	2		20	10	40	aa	
7	VZ18507	2		3	5	5		20	10	45	25	
8	VZ18508	5		4	5	5		20	10	49	27	
9	VZ18509		3	2	3	2		20	10	40	25	

10	VZ18520		3	2	3		2	20	10	4 0	34
11	VZ18521		3	2	3		0	20	10	3 8	14
12	VZ18532		5	4	5		5	20	10	4 9	32
13	VZ18533		2	3		5	5	20	10	4 5	32
14	VZ18534		5	4		5	5	20	10	4 9	31
15	VZ18535	5		4		5	5	20	10	4 9	30
16	VZ18536	2		3		5	5	20	10	4 5	29
17	VZ18537	5	4			5	5	20	10	4 9	28
18	VZ18538	5	4			5	5	20	10	4 9	31
19	VZ18539	5	4		5		5	20	10	4 9	32
20	VZ18540	2	3		5		5	20	10	4 5	25
21	VZ18541	3	2		3	2		20	10	4 0	26
22	VZ18542	2	3		5	5		20	10	4 5	29
23	VZ18543	2	3		5	5		20	10	4 5	26
24	VZ18544	3		2	3	2		20	10	4 0	29
25	VZ18545	2		3	5	5		20	10	4 5	27
26	VZ18546		3	2	3	2		20	10	4 0	26
27	VZ18547		2	3	5	5		20	10	4 5	26
28	VZ18548		2	3	5		5	20	10	4 5	26
29	VZ18549		2	3	5		5	20	10	4 5	26
30	VZ18550		2	3		5	5	20	10	4 5	29
31	VZ18551		2	3		5	5	20	10	4 5	27
32	VZ18552	2		3		5	5	20	10	4 5	25
33	VZ18553	3		2		3	2	20	10	4 0	25
34	VZ18554	3		2		3	2	20	10	4 0	21

35	VZ18555	3	2			3	2	20	10	4 0	26
36	VZ18556	3	2			3	2	20	10	4 0	25
37	VZ18557	2	3			5	5	20	10	4 5	25
38	VZ18558	3	2		3		2	20	10	4 0	25
39	VZ18559	3	2		3		2	20	10	4 0	26
40	VZ18570	3	2		3		0	20	10	3 8	aa
<b>No. of Students Attempted</b>		<b>28</b>	<b>31</b>	<b>21</b>	<b>26</b>	<b>28</b>	<b>26</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>13</b>	<b>13</b>	<b>19</b>	<b>19</b>	<b>15</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>30</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>50</b>	<b>41 .9 4</b>	<b>61 .9</b>	<b>73 .0 8</b>	<b>67 .8 6</b>	<b>57 .6 9</b>				<b>78.95</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1. 8</b>	<b>1. 8</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1. 8</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 3</b>	<b>2. 3</b>	<b>2. 35</b>	<b>2. 48</b>	<b>2. 48</b>	<b>2. 53</b>				
<b>Total CO Attainment</b>		<b>1. 85</b>	<b>1. 85</b>	<b>2. 04</b>	<b>2. 05</b>	<b>2. 05</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>2.13</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>4</b>	<b>4</b>
<b>Level 2</b>	<b>14</b>	<b>12</b>	<b>10</b>	<b>11</b>	<b>13</b>	<b>11</b>
<b>Level 3</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>23</b>	<b>25</b>



	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	5 0	50
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6				
1	VZ18501	5		4		5	5	20	10	4 9	25
2	VZ18502		3	2		3	2	20	10	4 0	33
3	VZ18503		5	4		5	5	20	10	4 9	35
4	VZ18504		5	4		5	5	20	10	4 9	33
5	VZ18505		5	4		5	5	20	10	4 9	35
6	VZ18506		3	2		3	2	20	10	4 0	aa
7	VZ18507		2	3	5		5	20	10	4 5	30
8	VZ18508	5		4	5		5	20	10	4 9	39
9	VZ18509	3		2	3	2		20	10	4 0	34
10	VZ18520	3		2	3	2		20	10	4 0	25
11	VZ18521	3	2		3	0		20	10	3 8	25
12	VZ18532	5	4		5	5		20	10	4 8	34
13	VZ18533	2	3		5	5		20	10	4 5	33
14	VZ18534	5	4		5	5		20	10	4 8	34
15	VZ18535	2	3		5	5		20	10	4 5	31
16	VZ18536	2	3		5	5		20	10	4 5	28
17	VZ18537	5	4		4		5	20	10	4 8	31
18	VZ18538	5		4	5		4	20	10	4 8	33
19	VZ18539	5		4		5	5	20	10	4 9	37
20	VZ18540	3		2		5	2	20	10	4 2	29
21	VZ18541		3	2		3	2	20	10	4 0	30
22	VZ18542		2	3		5	5	20	10	4 5	29

23	VZ18543		2	3		5	5	20	10	4 5	26
24	VZ18544		3	2		3	2	20	10	4 0	29
25	VZ18545		2	3		5	5	20	10	4 5	31
26	VZ18546		3	2	3		2	20	10	4 0	26
27	VZ18547		2	3	5		5	20	10	4 5	25
28	VZ18548		2	3	5	5		20	10	4 5	22
29	VZ18549	2		3	5	5		20	10	4 5	27
30	VZ18550	2		3	5	5		20	10	4 5	30
31	VZ18551	2		3	5	5		20	10	4 5	29
32	VZ18552	2	3		5	5		20	10	4 5	25
33	VZ18553	3	2		3	2		20	10	4 0	29
34	VZ18554	3	2		3		2	20	10	4 0	26
35	VZ18555	3	2		3		2	20	10	4 0	26
36	VZ18556	3	2			3	2	20	10	4 0	25
37	VZ18557	2	3			5	5	20	10	4 5	26
38	VZ18558	2	3			2	3	20	10	4 0	25
39	VZ18559	3		2		2	3	20	10	4 0	26
40	VZ18570	3		2		3	0	20	10	3 8	aa
<b>No. of Students Attempted</b>		<b>26</b>	<b>28</b>	<b>26</b>	<b>22</b>	<b>32</b>	<b>26</b>	<b>40</b>	<b>40</b>	<b>4 0</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>16</b>	<b>12</b>	<b>11</b>	<b>21</b>	<b>20</b>	<b>11</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											31
<b>% of students secured &gt;= Threshold marks</b>		<b>61</b> <b>.5</b> <b>4</b>	<b>42</b> <b>.8</b> <b>6</b>	<b>42</b> <b>.3</b> <b>1</b>	<b>95</b> <b>.4</b> <b>5</b>	<b>62</b> <b>.5</b> <b>1</b>	<b>42</b> <b>.3</b> <b>1</b>				<b>81.58</b>
<b>Attainment Level</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b> <b>8</b>	<b>2.</b> <b>6</b>	<b>2.</b> <b>6</b>	<b>3</b>	<b>2.</b> <b>8</b>	<b>2.</b> <b>6</b>				

<b>Indirect CO Attainment Level</b>	<b>2.28</b>	<b>2.33</b>	<b>2.45</b>	<b>2.3</b>	<b>2.35</b>	<b>2.35</b>				
<b>Total CO Attainment</b>	<b>2.75</b>	<b>2.57</b>	<b>2.59</b>	<b>2.93</b>	<b>2.76</b>	<b>2.93</b>				
<b>Average CO Attainment</b>										<b>2.76</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>9</b>	<b>9</b>	<b>6</b>	<b>9</b>	<b>8</b>	<b>8</b>
<b>Level 2</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>Level 3</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>22</b>	<b>22</b>
<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.28</b>	<b>2.33</b>	<b>2.45</b>	<b>2.3</b>	<b>2.35</b>	<b>2.35</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	2		2	2	1	2	2	3	1	2	3	
<b>CO2</b>		3		1			1	2	3	1	3	2
<b>CO3</b>	2	2	3		2	3		2	1		1	
<b>CO4</b>	1	3	1	1	1		1			2	2	2
<b>CO5</b>	2			2		1	3	2	1	1		3
<b>CO6</b>		1	2		2	2		3	3	2	2	2



Average PO Attainment	1.75	2.25	2	1.5	1.5	2	1.75	2.4	1.8	1.6	2.2	2.25
PO's Attainment at Course Level	1.61	2.07	1.84	1.38	1.38	1.84	1.61	2.21	1.66	1.47	2.02	2.07

Computation of CO Direct Attainment											
Course :409											
Class: MBA II Sem.-IV      A.Y. 2018-19      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ18501		5	4	5	5		20	10	49	31
2	VZ18502		3	2	3	2		20	10	40	30
3	VZ18503		5	4	5	5		20	10	49	34
4	VZ18504		5	4	5	5		20	10	49	31
5	VZ18505		5	4	5	5		20	10	49	41
6	VZ18506		3	2	3	2		20	10	40	aa
7	VZ18507	2		3	5	5		20	10	45	32
8	VZ18508	5		4	5		5	20	10	49	38
9	VZ18509	3	2		3		2	20	10	40	29

10	VZ18520	3	2		3		2	20	10	4 0	29
11	VZ18521	3	2			3	0	20	10	3 8	26
12	VZ18532	5	4			5	4	20	10	4 8	26
13	VZ18533	2	3			5	5	20	10	4 5	33
14	VZ18534	5	4			5	4	20	10	4 8	32
15	VZ18535	2		3		5	5	20	10	4 5	29
16	VZ18536	2		3		5	5	20	10	4 5	21
17	VZ18537		5	4		4	5	20	10	4 8	27
18	VZ18538		5	4		5	4	20	10	4 8	33
19	VZ18539		5	4	5		5	20	10	4 9	33
20	VZ18540		3	2	5		2	20	10	4 2	28
21	VZ18541		3	2	3		2	20	10	4 0	31
22	VZ18542		2	3	5	5		20	10	4 5	30
23	VZ18543		2	3	5	5		20	10	4 5	31
24	VZ18544	3		2	3	2		20	10	4 0	31
25	VZ18545	2		3	5	5		20	10	4 5	31
26	VZ18546	3	2		3	2		20	10	4 0	30
27	VZ18547	2	3		5	5		20	10	4 5	31
28	VZ18548	2	3		5	5		20	10	4 5	31
29	VZ18549	2	3		5		5	20	10	4 5	30
30	VZ18550	2	3		5		5	20	10	4 5	31
31	VZ18551	2	3			5	5	20	10	4 5	31
32	VZ18552	2	3			5	5	20	10	4 5	30
33	VZ18553	3		2		3	2	20	10	4 0	31
34	VZ18554	3		2		3	2	20	10	4 0	26

35	VZ18555		3	2		3	2	20	10	40	30
36	VZ18556		3	2		3	2	20	10	40	30
37	VZ18557		2	3		5	5	20	10	45	31
38	VZ18558		3	2	3		2	20	10	40	29
39	VZ18559		3	2	3		2	20	10	40	31
40	VZ18570		2	3	3		0	20	10	38	aa
<b>No. of Students Attempted</b>		<b>21</b>	<b>32</b>	<b>27</b>	<b>25</b>	<b>29</b>	<b>26</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>38</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>18</b>	<b>11</b>	<b>18</b>	<b>20</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>31</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>47</b>	<b>56</b>	<b>40</b>	<b>72</b>	<b>68</b>	<b>53</b>				<b>81.58</b>
		<b>.6</b>	<b>.2</b>	<b>.7</b>		<b>.9</b>	<b>.8</b>				
		<b>2</b>	<b>5</b>	<b>4</b>		<b>7</b>	<b>5</b>				
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>6</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>8</b>	<b>6</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>45</b>	<b>43</b>	<b>58</b>	<b>38</b>	<b>4</b>	<b>48</b>				
<b>Total CO Attainment</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>59</b>	<b>58</b>	<b>6</b>	<b>76</b>	<b>76</b>	<b>93</b>				
<b>Average CO Attainment</b>											<b>2.7</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>7</b>	<b>7</b>	<b>6</b>
<b>Level 2</b>	<b>10</b>	<b>15</b>	<b>9</b>	<b>11</b>	<b>10</b>	<b>9</b>
<b>Level 3</b>	<b>24</b>	<b>21</b>	<b>27</b>	<b>22</b>	<b>23</b>	<b>25</b>

<b>Total no. of students participated</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>CO Attainment Level</b>	<b>2.45</b>	<b>2.43</b>	<b>2.58</b>	<b>2.38</b>	<b>2.4</b>	<b>2.48</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.26</b>	<b>1.8</b>	<b>1.8</b>	<b>1.62</b>	<b>1.62</b>	<b>1.98</b>	<b>1.58</b>	<b>1.8</b>	<b>2.34</b>	<b>1.26</b>	<b>1.62</b>	<b>1.8</b>

Computation of CO Direct Attainment											
Course :BPSM											
Class: MBA II Sem.-III      A.Y. 2019-20      Couse Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	Max. Marks	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				
1	VZ38001	2		3	5		5	10	10	35	28
2	VZ38002	5	5		4		5	20	10	49	33
3	VZ38003		5	5	4		5	20	10	49	34
4	VZ38014	3	2			0	5	10	10	30	36
5	VZ38025	5	5			5	0	20	10	45	30
6	VZ38026	5		5	5	4		20	10	49	39
7	VZ38027	5		5	0	5		20	10	45	38
8	VZ38028	2	3			5	5	10	10	35	28
9	VZ38039		5	5	5		2	20	10	47	28
10	VZ38050		2	3	0		5	10	10	30	25
11	VZ38051	3		3	2		2	20	10	40	21
12	VZ38052	3	3			2	2	20	10	40	34
13	VZ38053	2		3	5	5		10	10	35	25
14	VZ38054		5	3	2		2	20	10	40	27
15	VZ38055		2	3	5	5		10	10	35	28
16	VZ38056	3		3		2	2	20	10	40	26
17	VZ38057	2	3	5	0			10	10	30	34
18	VZ38058		3	3	2		2	20	10	40	28
19	VZ38059		5	5	4	5		20	10	49	25
20	VZ38060	2		3	0		5	10	10	30	33
21	VZ38061	3	3		2		2	20	10	40	26

22	VZ38062	3			2	3	2	20	10	40	31
23	VZ38063		2	3		5	5	10	10	35	29
24	VZ38064	3	2	5			5	10	10	35	33
25	VZ38065	3	2		5	0		10	10	30	30
26	VZ38066	3	2		5	0		10	10	30	28
27	VZ38067	2		3		0	5	10	10	30	25
28	VZ38068	5		5	4		5	20	10	49	25
29	VZ38069	5	5		4	5		20	10	49	37
30	VZ38080	5		5	5		0	20	10	45	26
31	VZ38081		5	5		5	0	20	10	45	25
32	VZ38082		5	3		2	4	20	10	42	28
33	VZ38083	3		3	2		2	20	10	40	27
34	VZ37921	2		3	5		5	10	10	35	49
<b>No. of Students Attempted</b>		<b>24</b>	<b>21</b>	<b>24</b>	<b>24</b>	<b>18</b>	<b>25</b>				<b>34</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>17</b>	<b>14</b>	<b>24</b>	<b>14</b>	<b>11</b>	<b>13</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>70.83</b>	<b>66.67</b>	<b>100</b>	<b>58.33</b>	<b>61.11</b>	<b>52</b>				<b>97.06</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.8</b>	<b>2.8</b>	<b>3</b>	<b>2.6</b>	<b>2.8</b>	<b>2.6</b>				
<b>Indirect CO Attainment Level</b>		<b>2.18</b>	<b>2.26</b>	<b>2.15</b>	<b>2.24</b>	<b>2.06</b>	<b>2.12</b>				
<b>Total CO Attainment</b>		<b>2.74</b>	<b>2.75</b>	<b>2.92</b>	<b>2.56</b>	<b>2.73</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											<b>2.77</b>

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	3		2		2		1	3		2	2
CO2		1	1			3				2		2
CO3	3		3	1		1		2	2		1	3
CO4		3	3	2	2		1			3		

CO5	2		2	2	1		2	2	2		2	2
CO6	3	1	3	2		3		1	3		3	2
<b>Average PO Attainment</b>	<b>2.5</b>	<b>2</b>	<b>2.4</b>	<b>1.8</b>	<b>1.5</b>	<b>2.25</b>	<b>1.5</b>	<b>1.5</b>	<b>2.5</b>	<b>2.5</b>	<b>2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>2.31</b>	<b>1.85</b>	<b>2.22</b>	<b>1.66</b>	<b>1.39</b>	<b>2.08</b>	<b>1.39</b>	<b>1.39</b>	<b>2.31</b>	<b>2.31</b>	<b>1.85</b>	<b>2.03</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :BE</b>												
<b>Class: MBA II Sem.-III      A.Y. 2019-20      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50	
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6					
1	VZ38001	3	2			5	5	10	10	35	26	
2	VZ38002		5	5	4		4	20	10	47	30	
3	VZ38003		5	5	4		5	20	10	49	33	
4	VZ38014	2		3		2	3	10	10	30	25	
5	VZ38025	4		5	4		4	20	10	47	34	
6	VZ38026		5	5	4		5	20	10	49	28	
7	VZ38027	5	4			4	4	20	10	47	27	
8	VZ38028	3	3		2		2	20	10	40	28	
9	VZ38039		4	5	4		4	20	10	47	41	
10	VZ38050	2	3			2	3	10	10	30	30	
11	VZ38051	3		3	2		2	20	10	40	45	
12	VZ38052		3	3	2		2	20	10	40	36	
13	VZ38053	3	2			5	5	10	10	35	25	
14	VZ38054	3	3		2	2		20	10	40	25	
15	VZ38055		2	3	5	5		10	10	35	46	

16	VZ38056	3		3		2	2	20	10	40	50
17	VZ38057	2	3		2		3	10	10	30	50
18	VZ38058	3		3	2		2	18	10	38	25
19	VZ38059		4	5		5	4	20	10	48	50
20	VZ38060	2		3	3	2		10	10	30	50
21	VZ38061	3	3		2	2		20	10	40	25
22	VZ38062	3	3			2	2	20	10	40	35
23	VZ38063	3		3	2		2	20	10	40	33
24	VZ38064		3	3	2		3	18	10	39	50
25	VZ38065	2		3		2	3	10	10	30	25
26	VZ38066	2		3	3	2		10	10	30	27
27	VZ38067	2	3			2	3	10	10	30	50
28	VZ38068		4	5	5		4	20	10	48	32
29	VZ38069	5		5	4		5	20	10	49	26
30	VZ38080	4		3		4	4	20	10	45	26
31	VZ38081	3	4		4	4		20	10	45	28
32	VZ38082	3	3			4	2	20	10	42	25
33	VZ38083	3		3	2		2	20	10	40	25
34	VZ37921	2		5		5	3	10	10	35	25
<b>No. of Students Attempted</b>		<b>25</b>	<b>21</b>	<b>22</b>	<b>21</b>	<b>19</b>	<b>28</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>16</b>	<b>18</b>	<b>22</b>	<b>11</b>	<b>8</b>	<b>18</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											33
<b>% of students secured &gt;= Threshold marks</b>		<b>64</b>	<b>85.71</b>	<b>100</b>	<b>52.38</b>	<b>42.11</b>	<b>64.29</b>				<b>97.06</b>
<b>Attainment Level</b>		<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.8</b>	<b>3</b>	<b>3</b>	<b>2.6</b>	<b>2.6</b>	<b>2.8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.09</b>	<b>2.21</b>	<b>2.09</b>	<b>2.29</b>	<b>2.12</b>	<b>2</b>				
<b>Total CO Attainment</b>		<b>2.73</b>	<b>2.92</b>	<b>2.91</b>	<b>2.57</b>	<b>2.55</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											2.77

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	12	8	11	6	10	13
Level 2	7	11	9	12	10	8



Level 3	15	15	14	16	14	13
Total no. of students participated	34	34	34	34	34	34
CO Attainment Level	2.09	2.21	2.09	2.29	2.12	2

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	3		2	2	2	1	3	1		2	2
CO2		1	1		3	3	2			2		2
CO3	3		1	1				2	2		3	
CO4		1	3	2	2	2	1			3		
CO5	2		2	1	1		2	2	2		2	2
CO6	3	1	3	2		3		1	3	1	3	2
Average PO Attainment	2.25	1.5	2	1.6	2	2.5	1.5	2	2	2	2.5	2
PO's Attainment at Course Level	2.08	1.39	1.85	1.48	1.85	2.31	1.39	1.85	1.85	1.85	2.31	1.85

Computation of CO Direct Attainment										
Course :MCCL										
Class: MBA II Sem.-III      A.Y. 2019-20      Course Code:										
Only Internal Assessment										
Sr. No.	MAX.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)			
		CO1	CO2	CO3	CO4	CO5	CO6			
1	VZ38001	2		3	5		5	10	10	35
2	VZ38002		5	5	4		5	20	10	49
3	VZ38003	5	5			4	5	20	10	49

4	VZ38014		0	0	3	2		10	10	25
5	VZ38025	4		3		4	4	20	10	45
6	VZ38026	5	5		4		5	20	10	49
7	VZ38027	4		3	4		4	20	10	45
8	VZ38028	2	3			5	5	10	10	35
9	VZ38039		4	5		4	4	20	10	47
10	VZ38050	2	3			2	3	10	10	30
11	VZ38051		3	3	2		2	20	10	40
12	VZ38052	3		3	2		2	20	10	40
13	VZ38053	2	3		5		5	10	10	35
14	VZ38054	3	3		2		2	20	10	40
15	VZ38055	2		3		5	5	10	10	35
16	VZ38056	3		3	2	2		20	10	40
17	VZ38057		2	3	3	2		10	10	30
18	VZ38058		3	3		2	2	20	10	40
19	VZ38059	5	5		4		5	20	10	49
20	VZ38060	2	3		2		3	10	10	30
21	VZ38061		3	3	2		2	20	10	40
22	VZ38062		3	3		2	2	20	10	40
23	VZ38063	2		3		5	5	10	10	35
24	VZ38064	2		3		5	5	10	10	35
25	VZ38065		2	3		2	3	10	10	30
26	VZ38066		2	3	2		3	10	10	30
27	VZ38067	2		3	2		3	10	10	30
28	VZ38068	5	5		4	5		20	10	49
29	VZ38069	5		5		5	4	20	10	49
30	VZ38080		4	3	4	4		20	10	45
31	VZ38081	3	4		4	4		20	10	45
32	VZ38082		3	3	4		2	20	10	42
33	VZ38083	3		3	2		2	20	10	40
34	VZ37921	2		3	5		5	10	10	35
<b>No. of Students Attempted</b>		<b>22</b>	<b>22</b>	<b>24</b>	<b>22</b>	<b>18</b>	<b>28</b>	<b>34</b>	<b>34</b>	<b>34</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>18</b>	<b>22</b>	<b>12</b>	<b>11</b>	<b>19</b>			

<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>									
<b>% of students secured &gt;= Threshold marks</b>	54.55	81.82	91.67	54.55	61.11	67.86			
<b>Attainment Level</b>	1	3	3	1	2	2			
<b>Direct CO Attainment</b>	1	3	3	1	2	2			
<b>Indirect CO Attainment Level</b>	2.18	2.24	2.12	2.24	2.03	2.03			
<b>Total CO Attainment</b>	1.12	2.92	2.91	1.12	2	2.93			
<b>Average CO Attainment</b>									2.17

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	9	7	10	8	13	12
<b>Level 2</b>	10	12	10	10	7	9
<b>Level 3</b>	15	15	14	16	14	13
<b>Total no. of students participated</b>	34	34	34	34	34	34
<b>CO Attainment Level</b>	2.18	2.24	2.12	2.24	2.03	2.03

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	1	3		2	2	2	1	3	1		2	2
CO2		1	1		3	3	2			2		2
CO3	2		2	3				2	2		3	
CO4		1	3	2	2	3	3			1		
CO5	2		2	1	1		2	2	1		2	2
CO6	3	2	3	2	3	3		3	3	1	3	1
<b>Average PO Attainment</b>	<b>2</b>	<b>1.75</b>	<b>2.2</b>	<b>2</b>	<b>2.2</b>	<b>2.75</b>	<b>2</b>	<b>2.5</b>	<b>1.75</b>	<b>1.33</b>	<b>2.5</b>	<b>1.75</b>

PO's Attainment at Course Level	1.45	1.27	1.59	1.45	1.59	1.99	1.45	1.81	1.27	0.96	1.81	1.27
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Computation of CO Direct Attainment											
Course :OR											
Class: MBA II Sem.-III    A.Y. 2019-20    Couse Code:											
Internal Assessment											External Assessment
Sr. No.	MAX.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)				
		CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001	2		3		5	5	10	10	35	35
2	VZ38002	5		5	4		5	20	10	49	28
3	VZ38003		5	5		4	5	20	10	49	34
4	VZ38014		2	3		2	3	10	10	30	26
5	VZ38025		4	3		4	4	20	10	45	31
6	VZ38026		5	5		4	5	20	10	49	39
7	VZ38027	4		3	4		4	20	10	45	32
8	VZ38028	2		3	5		5	10	10	35	27
9	VZ38039	5	5		4		3	20	10	47	42
10	VZ38050	2	3		2	3		10	10	30	26
11	VZ38051	3	3		2	2		20	10	40	25
12	VZ38052	3		3	2	2		20	10	40	25
13	VZ38053	2		3	5	5		10	10	35	25
14	VZ38054	3		3	2	2		20	10	40	28
15	VZ38055		2	3	5		5	10	10	35	29
16	VZ38056		3	3	2		2	20	10	40	25
17	VZ38057		2	3	2		3	10	10	30	32
18	VZ38058		3	3		2	2	20	10	40	33

19	VZ38059		5	5		4	5	20	10	49	28
20	VZ38060	2		3		2	3	10	10	30	26
21	VZ38061	3		3	2		2	20	10	40	30
22	VZ38062	3		3	2		2	20	10	40	25
23	VZ38063	2		3	5		5	10	10	35	27
24	VZ38064	2	3		5	5		10	10	35	28
25	VZ38065	2	3		2	3		10	10	30	35
26	VZ38066	2	3		2	3		10	10	30	27
27	VZ38067	2	3		2		3	10	10	30	28
28	VZ38068	5	5		4		5	20	10	49	29
29	VZ38069		5	5		4	5	20	10	49	41
30	VZ38080	4		3		4	4	20	10	45	25
31	VZ38081		4	3		4	4	20	10	45	34
32	VZ38082		3	3	2		4	20	10	42	36
33	VZ38083	3		3	2		2	20	10	40	38
<b>No. of Students Attempted</b>		<b>21</b>	<b>20</b>	<b>25</b>	<b>22</b>	<b>19</b>	<b>25</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>11</b>	<b>17</b>	<b>25</b>	<b>9</b>	<b>13</b>	<b>20</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>52.38</b>	<b>85</b>	<b>100</b>	<b>40.91</b>	<b>68.42</b>	<b>80</b>				<b>100</b>
<b>Attainment Level</b>		<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.6</b>	<b>3</b>	<b>3</b>	<b>2.6</b>	<b>2.8</b>	<b>3</b>				
<b>Indirect CO Attainment Level</b>		<b>2.45</b>	<b>2.55</b>	<b>2.7</b>	<b>2.64</b>	<b>2.55</b>	<b>2.45</b>				
<b>Total CO Attainment</b>		<b>2.59</b>	<b>2.96</b>	<b>2.97</b>	<b>2.6</b>	<b>2.78</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											<b>2.81</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Level 2</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Level 3</b>	<b>20</b>	<b>22</b>	<b>25</b>	<b>23</b>	<b>21</b>	<b>19</b>

Total no. of students participated	33	33	33	33	33	33
CO Attainment Level	2.45	2.55	2.7	2.64	2.55	2.45

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	3	2	1	3	1	3	1	3	2	1
CO2		2		1		1	2	1	3	3	1	2
CO3	2		2	3	2	2	2	2	2	2	2	1
CO4	1		1	2	3	3		1	1		3	2
CO5	3	2	3		2		1	2		1	3	
CO6	1	3	2	2	1		2		2	2		3
Average PO Attainment	1.8	2	2.2	2	1.8	2.25	1.6	1.8	1.8	2.2	2.2	1.8
PO's Attainment at Course Level	1.69	1.87	2.06	1.87	1.69	2.11	1.5	1.69	1.69	2.06	2.06	1.69

Course :305											
Class: MBA II Sem.-III      A.Y. 2019-20      Course Code:											
Internal Assessment(Only)											
Sr. No.	Seat No	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	
		MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)				Q3(5)
			CO1	CO2	CO3	CO4	CO5				CO6
1	VZ38001	2	3		5	5		10	10	35	
2	VZ38002	5	5		4	5		20	10	49	
3	VZ38003	5	5		4		5	20	10	49	
4	VZ38014	2		3	2		3	10	10	30	
5	VZ38025	4		3		4	4	20	10	45	
6	VZ38026		5	4		5	5	20	10	49	
7	VZ38027		4	3		4	4	20	10	45	

8	VZ38028		2	3		5	5	10	10	35
9	VZ38039		5	3	4		5	20	10	47
10	VZ38050	2		3	2	3		10	10	30
11	VZ38051	3		3	2	2		20	10	40
12	VZ38052	3	3		2	2		20	10	40
13	VZ38053	2	3		5	5		10	10	35
14	VZ38054	3	3		2	2		20	10	40
15	VZ38055	2	3		5		5	10	10	35
16	VZ38056	3		3	2		2	20	10	40
17	VZ38057		2	3		2	3	10	10	30
18	VZ38058		3	3		2	2	20	10	40
19	VZ38059		5	5		4	5	20	10	49
20	VZ38060		2	3		2	3	10	10	30
21	VZ38061	3		3	2		2	20	10	40
22	VZ38062	3		3	2		2	20	10	40
23	VZ38063	2	3		5	5		10	10	35
24	VZ38064	2	3		5	5		10	10	35
25	VZ38065	2	3		2	3		10	10	30
26	VZ38066	2	3		2	3		10	10	30
27	VZ38067	2	3		2		3	10	10	30
28	VZ38068	5		5	4		5	20	10	49
29	VZ38069	5		5		4	5	20	10	49
30	VZ38080		4	3		4	4	20	10	45
31	VZ38081		4	3		4	4	20	10	45
32	VZ38082		4	0		4	4	20	10	42
33	VZ38083	3		3	2		2	20	10	40
<b>No. of Students Attempted</b>		<b>22</b>	<b>23</b>	<b>21</b>	<b>21</b>	<b>23</b>	<b>22</b>			
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>20</b>	<b>20</b>	<b>9</b>	<b>17</b>	<b>17</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										
<b>% of students secured &gt;= Threshold marks</b>		<b>54.55</b>	<b>86.96</b>	<b>95.24</b>	<b>42.86</b>	<b>73.91</b>	<b>77.27</b>			
<b>Attainment Level</b>		<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>			
<b>Direct CO Attainment</b>		<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>			
<b>Indirect CO Attainment Level</b>		<b>2.73</b>	<b>2.45</b>	<b>2.7</b>	<b>2.73</b>	<b>2.67</b>	<b>2.7</b>			
<b>Total CO Attainment</b>		<b>1.17</b>	<b>2.95</b>	<b>2.97</b>	<b>1.17</b>	<b>2.07</b>	<b>2.93</b>			





	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001		2	3		5	5	10	10	35	26
2	VZ38002		5	5	4		5	20	10	49	46
3	VZ38003		5	5	4	5		20	10	49	43
4	VZ38014	2		3	2	3		10	10	30	25
5	VZ38025	5		5	4	5		20	10	49	38
6	VZ38026	5	5		4	5		20	10	49	37
7	VZ38027	5	5		4		5	20	10	49	37
8	VZ38028	5	2			3	5	20	10	45	36
9	VZ38039	4	3			4	4	20	10	47	26
10	VZ38050	3		3		2	2	20	10	40	27
11	VZ38051	2		3		5	5	10	10	35	28
12	VZ38052		3	3		2	2	20	10	40	27
13	VZ38053		2	3		5	5	10	10	35	25
14	VZ38054		3	3	2		2	20	10	40	26
15	VZ38055		2	3	5		5	10	10	35	30
16	VZ38056		3	3	2	2		20	10	40	25
17	VZ38057		3	3	2	2		20	10	40	27
18	VZ38058	2		3	5	5		10	10	35	29
19	VZ38059	5		2	3	5		20	10	45	25
20	VZ38060	2	3		5		5	10	10	35	26
21	VZ38061	3	3		2		2	20	10	40	25
22	VZ38062	3	3		2		2	20	10	40	27
23	VZ38063	2	3			5	5	10	10	35	26
24	VZ38064	2		3		5	5	10	10	35	29
25	VZ38065		2	3		5	5	10	10	35	25
26	VZ38066		2	3		5	5	10	10	35	27
27	VZ38067		2	3		5	5	10	10	35	30
28	VZ38068		5	2	3		5	20	10	45	28
29	VZ38069	5		5	4		5	20	10	49	32

30	VZ38080	4		3	4	4		20	10	47	29
31	VZ38081	5	2		3	5		20	10	45	36
32	VZ38082	3	3		2	2		20	10	40	29
33	VZ38083	3	3		2	2		20	10	40	25
<b>No. of Students Attempted</b>		<b>20</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>24</b>	<b>21</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>16</b>	<b>20</b>	<b>13</b>	<b>18</b>	<b>16</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											33
<b>% of students secured &gt;= Threshold marks</b>		<b>70</b>	<b>66.67</b>	<b>90.91</b>	<b>61.9</b>	<b>75</b>	<b>76.19</b>				<b>100</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>2.8</b>	<b>2.8</b>	<b>3</b>	<b>2.8</b>	<b>2.8</b>	<b>2.8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.52</b>	<b>2.48</b>	<b>2.61</b>	<b>2.7</b>	<b>2.45</b>	<b>2.7</b>				
<b>Total CO Attainment</b>		<b>2.77</b>	<b>2.77</b>	<b>2.96</b>	<b>2.79</b>	<b>2.77</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											2.83

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	5	5	3	1	5	2
<b>Level 2</b>	6	7	7	8	8	6
<b>Level 3</b>	22	21	23	24	20	25
<b>Total no. of students participated</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>CO Attainment Level</b>	<b>2.52</b>	<b>2.48</b>	<b>2.61</b>	<b>2.7</b>	<b>2.45</b>	<b>2.7</b>

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	1	3	2	1	3	1	3	1	3	1	3
CO2	1	3	3	1	2		3	2		2	2	
CO3	2	2	2	2	1	2	2	1	2	1		1
CO4	1	1		3	2	1		2	1	2	1	3
CO5	2		1	3			1	3	2		3	
CO6		2	2		3	2	2		3	3	2	2

Average PO Attainment	1.8	1.8	2.2	2.2	1.8	2	1.8	2.2	1.8	2.2	1.8	2.25
PO's Attainment at Course Level	1.7	1.7	2.08	2.08	1.7	1.89	1.7	2.08	1.7	2.08	1.7	2.12

Computation of CO Direct Attainment											
Course :307											
Class: MBA II Sem.-III      A.Y. 2019-20      Course Code:											
Internal Assessment											External Assessment
Sr. No.	MAX.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)				
		CO1	CO2	CO3	CO4	CO5	CO6				
Seat No											
1	VZ38001	2	3		5	5		10	10	35	38
2	VZ38002	5	5		4	5		20	10	49	42
3	VZ38003	5		5	4		5	20	10	49	48
4	VZ38014		2	3		5	5	5	10	30	25
5	VZ38025		5	5		4	5	20	10	49	30
6	VZ38026		5	5		4	5	20	10	49	32
7	VZ38027		5	5		4	5	20	10	49	35
8	VZ38028	5		2	3		5	20	10	45	33
9	VZ38039	5		4	3		5	20	10	47	26
10	VZ38050	3	3		2	3		20	10	41	31
11	VZ38051	2	3		5	5		10	10	35	31
12	VZ38052	3	3		2	2		20	10	40	28
13	VZ38053	2		3	5	5		10	10	35	25
14	VZ38054		3	3	2		2	20	10	40	25
15	VZ38055		3	3	2		2	20	10	40	30
16	VZ38056		3	3		2	2	20	10	40	30
17	VZ38057		3	3		2	2	20	10	40	26



CO Attainment Level	2.58	2.58	2.64	2.52	2.67	2.42
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Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		1	1	3	2	3	1	2	2	1	2	3
CO2	2	1	1	2	1		2	1	3	3	1	
CO3	3		2	3	1	2	1		1		1	2
CO4	1	1	1		2	1	1	2	1	2	2	1
CO5		2		1	3	2		3		1	3	2
CO6	2		2	2		3	3	2	2	2		3
Average PO Attainment	2	1.25	1.4	2.2	1.8	2.2	1.6	2	1.8	1.8	1.8	2.2
PO's Attainment at Course Level	1.89	1.18	1.33	2.08	1.7	2.08	1.51	1.89	1.7	1.7	1.7	2.08

Computation of CO Direct Attainment											
Course :308											
Class: MBA II Sem.-III    A.Y. 2019-20    Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001		2	3	5		5	10	10	35	38
2	VZ38002		5	5	4	5		20	10	49	40
3	VZ38003		5	5	4	5		20	10	49	41
4	VZ38014	2		3	2		3	10	10	30	25
5	VZ38025	5	5			4	5	20	10	49	31

6	VZ38026	5		5	5	4		20	10	49	38
7	VZ38027	5	5		5	4		20	10	49	38
8	VZ38028	5	4			3	5	20	10	45	31
9	VZ38039	4		3	4		4	20	10	47	28
10	VZ38050		3	3	2		2	20	10	40	50
11	VZ38051		2	3	5	5		10	10	35	27
12	VZ38052		3	3	2	2		20	10	40	28
13	VZ38053	2		3	5	5		10	10	35	27
14	VZ38054	3		3	2	2		20	10	40	25
15	VZ38055	3	3		2	2		20	10	40	27
16	VZ38056	3	3		2		2	20	10	40	25
17	VZ38057	3	3			2	2	20	10	40	25
18	VZ38058	2	3			2	3	10	10	30	50
19	VZ38059	4		3		4	4	20	10	47	50
20	VZ38060	2		3		5	5	10	10	35	25
21	VZ38061		3	3	2		2	20	10	40	25
22	VZ38062		3	3	2		2	20	10	40	26
23	VZ38063		2	3	5	5		10	10	35	27
24	VZ38064		2	3	5	5		10	10	35	31
25	VZ38065	2		3	5	5		10	10	35	28
26	VZ38066	2	3		5	5		10	10	35	27
27	VZ38067	2	3		5		5	10	10	35	28
28	VZ38068	5	2		3		5	20	10	45	25
29	VZ38069	5	4			3	5	20	10	49	28
30	VZ38080	4		3		4	4	20	10	47	27
31	VZ38081	5		2		3	5	20	10	45	26
32	VZ38082		3	3		2	2	20	10	40	29
33	VZ38083		3	3	2		2	20	10	40	25
<b>No. of Students Attempted</b>		<b>21</b>	<b>23</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>20</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>18</b>	<b>21</b>	<b>14</b>	<b>17</b>	<b>13</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>66.67</b>	<b>78.26</b>	<b>95.45</b>	<b>60.87</b>	<b>73.91</b>	<b>65</b>				<b>100</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>				<b>3</b>

<b>Direct CO Attainment</b>	2.8	2.8	3	2.8	2.8	2.8				
<b>Indirect CO Attainment Level</b>	2.55	2.64	2.64	2.58	2.73	2.7				
<b>Total CO Attainment</b>	2.78	2.78	2.96	2.78	2.79	2.93				
<b>Average CO Attainment</b>										2.84

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	5	3	4	4	2	1
<b>Level 2</b>	5	6	4	6	5	8
<b>Level 3</b>	23	24	25	23	26	24
<b>Total no. of students participated</b>	33	33	33	33	33	33
<b>CO Attainment Level</b>	2.55	2.64	2.64	2.58	2.73	2.7

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	3	3	1	2	3	2	3	1	2	3	
CO2	1		2	3	1	2	1	2	3	1	3	2
CO3	2	3		2	1			2	1		1	
CO4	1		1			2	1			2	2	2
CO5		1	3	2	1	1	3	2	1	1		3
CO6	2	2		3	3	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.25</b>	<b>2.25</b>	<b>2.2</b>	<b>1.6</b>	<b>2</b>	<b>1.75</b>	<b>2.4</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>1.51</b>	<b>2.13</b>	<b>2.13</b>	<b>2.08</b>	<b>1.51</b>	<b>1.89</b>	<b>1.66</b>	<b>2.27</b>	<b>1.7</b>	<b>1.51</b>	<b>2.08</b>	<b>2.13</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course :309</b>	

Class: MBA II Sem.-III      A.Y. 2019-20      Couse Code:

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001		2	3		5	5	10	10	35	35
2	VZ38002		5	5	4	5		20	10	49	39
3	VZ38003		5	5	4	5		20	10	49	40
4	VZ38014	2		3	5	5		5	10	30	27
5	VZ38025	5	5		4		5	20	10	49	27
6	VZ38026	5	5		4		5	20	10	49	40
7	VZ38027	5	5			4	5	20	10	49	28
8	VZ38028	4		3		4	4	20	10	45	25
9	VZ38039	5		4		3	5	20	10	47	29
10	VZ38050		3	3		2	2	20	10	40	25
11	VZ38051		2	3	5		5	10	10	35	34
12	VZ38052		3	3	2	2		20	10	40	32
13	VZ38053	2		3	5	5		10	10	35	30
14	VZ38054	3	3		2	2		20	10	40	30
15	VZ38055	3	3		2		2	20	10	40	34
16	VZ38056	3	3		2		2	20	10	40	29
17	VZ38057	3	3			2	2	20	10	40	29
18	VZ38058	2	3			5	5	5	10	30	34
19	VZ38059	5		4		3	5	20	10	47	27
20	VZ38060		2	3		5	5	10	10	35	30
21	VZ38061		3	3	2		2	20	10	40	30
22	VZ38062		3	3	2		2	20	10	40	33
23	VZ38063		2	3	5	5		10	10	35	29
24	VZ38064	2		3	5	5		10	10	35	32
25	VZ38065	2	3		5	5		10	10	35	29





CO1	2	3	3	1	2	3	2	3	1	2	3	
CO2	1		2	3		2	1	2		1	3	2
CO3	2	3		2	1			2	1			
CO4	3		1			2				2	2	2
CO5		2	2	2	1	1	3	2	1			
CO6	2	2		2	3	2			3	2	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2.5</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>1.5</b>	<b>1.75</b>	<b>2.5</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.91</b>	<b>2.39</b>	<b>1.91</b>	<b>1.91</b>	<b>1.67</b>	<b>1.91</b>	<b>1.91</b>	<b>2.15</b>	<b>1.44</b>	<b>1.67</b>	<b>2.39</b>	<b>1.91</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course :IBM</b>											
<b>Class: MBA II Sem.-IV    A.Y. 2019-20    Couse Code:</b>											
<b>Internal Assessment</b>											<b>External Assessment</b>
Sr. No.		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001	3	3		2	2		20	10	40	49
2	VZ38002	5	5		4		5	20	10	49	45
3	VZ38003	5	5		4		5	20	10	49	50
4	VZ38014	3		3		2	2	18	10	38	25
5	VZ38025		4	3		4	4	20	10	45	38
6	VZ38026		5	5		4	5	20	10	49	50
7	VZ38027		4	3		4	4	20	10	45	50
8	VZ38028		3	3	2		2	20	10	40	48
9	VZ38039	4		3	4		4	20	10	45	26
10	VZ38050	3	3		2	2		20	10	40	36
11	VZ38051	3	3		2	2		20	10	40	36

12	VZ38052	3	3		2	2		20	10	40	44
13	VZ38053	4	3		4	4		20	10	45	28
14	VZ38054	4	3		4		4	20	10	45	43
15	VZ38055	4		3		4	4	20	10	45	28
16	VZ38056	4		3		4	4	20	10	45	45
17	VZ38057		3	3		2	2	20	10	40	50
18	VZ38058		4	3		4	4	20	10	45	50
19	VZ38059		5	5	4		5	20	10	49	50
20	VZ38060		3	3	2	2		20	10	40	50
21	VZ38061		3	3	2	2		20	10	40	50
22	VZ38062	4		3	4	4		20	10	45	43
23	VZ38063	3		3	2	2		20	10	40	36
24	VZ38064	4	3		4		4	20	10	45	48
25	VZ38065	3	3		2		2	20	10	40	45
26	VZ38066	3	3			2	2	20	10	40	45
27	VZ38067	3	3			2	2	20	10	40	50
28	VZ38068	5		5		4	5	20	10	49	49
29	VZ38069	5		5	4		5	20	10	49	50
30	VZ38080		3	3	2	2		20	10	40	29
31	VZ38081		3	3	2	2		20	10	40	25
32	VZ38082		3	3	2	2		20	10	40	25
33	VZ38083	2		2	3	5		10	10	32	25
<b>No. of Students Attempted</b>		<b>21</b>	<b>24</b>	<b>21</b>	<b>22</b>	<b>24</b>	<b>20</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>20</b>	<b>24</b>	<b>20</b>	<b>10</b>	<b>10</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											33
<b>% of students secured &gt;= Threshold marks</b>		<b>95.24</b>	<b>100</b>	<b>95.24</b>	<b>45.45</b>	<b>41.67</b>	<b>70</b>				<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2.6</b>	<b>2.6</b>	<b>2.8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.58</b>	<b>2.61</b>	<b>2.64</b>	<b>2.73</b>	<b>2.7</b>	<b>2.55</b>				
<b>Total CO Attainment</b>		<b>2.96</b>	<b>2.96</b>	<b>2.96</b>	<b>2.61</b>	<b>2.61</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											2.84

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6

Level 1	4	4	4	2	1	4
Level 2	6	5	4	5	8	7
Level 3	23	24	25	26	24	22
Total no. of students participated	33	33	33	33	33	33
CO Attainment Level	2.58	2.61	2.64	2.73	2.7	2.55

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	1	2	3		2	3	1	2	3	
CO2	1	2	3	1	3	2	1	2	3	1	3	2
CO3		2	1		1			2	1		1	
CO4	1			2	2	2	1			2	2	2
CO5	3	2	1	1		3	3	2	1	1		3
CO6		3	3	2	2	2		3	3	2	2	2
Average PO Attainment	1.75	2.4	1.8	1.6	2.2	2.25	1.75	2.4	1.8	1.6	2.2	2.25
PO's Attainment at Course Level	1.66	2.27	1.7	1.51	2.08	2.13	1.66	2.27	1.7	1.51	2.08	2.13

Computation of CO Direct Attainment											
Course :402											
Class: MBA II Sem.-IV    A.Y. 2019-20    Couse Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				

1	VZ38001		3	3	2	2		20	10	40	48
2	VZ38002		5	5	4	5		20	10	49	50
3	VZ38003		5	5	4	5		20	10	49	50
4	VZ38014	3		3	2		2	18	10	38	30
5	VZ38025	4	3		4		4	20	10	45	49
6	VZ38026	5	5			4	5	20	10	49	50
7	VZ38027	4	3			4	4	20	10	45	50
8	VZ38028	3		3		2	2	20	10	40	50
9	VZ38039		4	3		4	4	20	10	45	50
10	VZ38050		3	3		2	2	20	10	40	50
11	VZ38051		3	3	2		2	20	10	40	18
12	VZ38052	3		3	2	2		20	10	40	49
13	VZ38053	4		3	4	4		20	10	45	31
14	VZ38054	4	3		4	4		20	10	45	50
15	VZ38055	4	3		4	4		20	10	45	50
16	VZ38056	4	3		4	4		20	10	45	50
17	VZ38057	3	3		2		2	20	10	40	50
18	VZ38058	4		3	4		4	20	10	45	50
19	VZ38059	5		5		4	5	20	10	49	50
20	VZ38060		3	3		2	2	20	10	40	50
21	VZ38061		3	3		2	2	20	10	40	34
22	VZ38062		4	3		4	4	20	10	45	50
23	VZ38063	3		3	2		2	20	10	40	50
24	VZ38064	4	3		4	4		20	10	45	50
25	VZ38065	3	3		2	2		20	10	40	50
26	VZ38066	3	3		2	2		20	10	40	50
27	VZ38067	3	3		2	2		20	10	40	50
28	VZ38068	5		5	4	5		20	10	49	50
29	VZ38069	5		5	4		5	20	10	49	50
30	VZ38080		3	3		2	2	20	10	40	25
31	VZ38081		3	3		2	2	20	10	40	25
32	VZ38082		3	3		2	2	20	10	40	25
33	VZ38083	3		3	2		2	20	10	40	25

<b>No. of Students Attempted</b>	21	23	22	21	25	20	33	33	33	33
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	21	23	22	11	13	8				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										32
<b>% of students secured &gt;= Threshold marks</b>	100	100	100	52.38	52	40				96.97
<b>Attainment Level</b>	3	3	3	1	1	1				3
<b>Direct CO Attainment</b>	3	3	3	2.6	2.6	2.6				
<b>Indirect CO Attainment Level</b>	2.48	2.58	2.67	2.7	2.61	2.58				
<b>Total CO Attainment</b>	2.95	2.96	2.97	2.61	2.6	2.93				
<b>Average CO Attainment</b>										2.84

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	5	4	3	3	4	4
<b>Level 2</b>	7	6	5	4	5	6
<b>Level 3</b>	21	23	25	26	24	23
<b>Total no. of students participated</b>	33	33	33	33	33	33
<b>CO Attainment Level</b>	2.48	2.58	2.67	2.7	2.61	2.58

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	1	2	2	3	1	2	3	1	2	3	
CO2	1			1	2	3	1	2	3	1	3	2
CO3		2	3		2	1		2	1		1	
CO4	1	1		1			1			2	2	2
CO5	2		1	3	2	1	3	2	1	1		3
CO6		2	2		3	3		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.5</b>	<b>1.5</b>	<b>2</b>	<b>1.75</b>	<b>2.4</b>	<b>1.8</b>	<b>1.75</b>	<b>2.4</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>

<b>PO's Attainment at Course Level</b>	<b>1.42</b>	<b>1.42</b>	<b>1.89</b>	<b>1.66</b>	<b>2.27</b>	<b>1.7</b>	<b>1.66</b>	<b>2.27</b>	<b>1.7</b>	<b>1.51</b>	<b>2.08</b>	<b>2.13</b>
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<b>Computation of CO Direct Attainment</b>											
<b>Course :404</b>											
<b>Class: MBA II Sem.-IV    A.Y. 2019-20    Couse Code:</b>											
<b>Internal Assessment</b>											<b>External Assessment</b>
<b>Sr. No.</b>		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>
	<b>MAX.</b>	<b>Q1(5)</b>	<b>Q2(5)</b>	<b>Q3(5)</b>	<b>Q1(5)</b>	<b>Q2(5)</b>	<b>Q3(5)</b>	20	10	50	50
	<b>Seat No</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>				
1	VZ38001	3	3			2	2	20	10	40	50
2	VZ38002	5	5			4	5	20	10	49	50
3	VZ38003	5	5			4	5	20	10	49	50
4	VZ38014	3		3		2	2	18	10	38	26
5	VZ38025		4	3	4		4	20	10	45	43
6	VZ38026		5	5	4		5	20	10	49	50
7	VZ38027		4	3	4	4		20	10	45	50
8	VZ38028	3		3	2	2		20	10	40	49
9	VZ38039	3		3	2	2		20	10	40	28
10	VZ38050	3	3		2	2		20	10	40	50
11	VZ38051	3	3		2		2	20	10	40	23
12	VZ38052	3	3		2		2	20	10	40	50
13	VZ38053	4	3			4	4	20	10	45	40
14	VZ38054	4	3			4	4	20	10	45	50
15	VZ38055	4		3		4	4	20	10	45	50
16	VZ38056	4		3		4	4	20	10	45	49
17	VZ38057		3	3		2	2	20	10	40	50
18	VZ38058		4	3	4		4	20	10	45	50





<b>CO Attainment Level</b>	<b>2.55</b>	<b>2.58</b>	<b>2.61</b>	<b>2.7</b>	<b>2.61</b>	<b>2.52</b>
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<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2	3	1	3	1	3	2	3	1	2	3	3
CO2		2	2		2			2		1	3	2
CO3	2	1		2		2	3	2	3		3	
CO4	1	2	2	1			2			3	2	2
CO5	2	2	3	3	2	3		2	1	1		3
CO6			2	1	3	2	2		3	2	2	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.5</b>	<b>2.25</b>	<b>2.25</b>	<b>2</b>	<b>1.8</b>	<b>2.6</b>	<b>2.4</b>
<b>PO's Attainment at Course Level</b>	<b>1.66</b>	<b>1.89</b>	<b>1.89</b>	<b>1.89</b>	<b>1.89</b>	<b>2.37</b>	<b>2.13</b>	<b>2.13</b>	<b>1.89</b>	<b>1.7</b>	<b>2.46</b>	<b>2.27</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course :405</b>										
<b>Class: MBA II Sem.-IV    A.Y. 2019-20    Couse Code:</b>										
<b>Internal Assessment(Only)</b>										
<b>Sr. No.</b>		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>
		<b>Q1(5)</b>	<b>Q2(5)</b>	<b>Q3(5)</b>	<b>Q1(5)</b>	<b>Q2(5)</b>	<b>Q3(5)</b>			
	<b>MAX.</b>							20	10	50
	<b>Seat No</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>			
1	VZ38001	3		3		2	2	20	10	40
2	VZ38002		5	5	4		5	20	10	49
3	VZ38003		5	5	4		5	20	10	49
4	VZ38014		3	3		2	2	18	10	38
5	VZ38025		4	3		4	4	20	10	45

6	VZ38026	5		5		4	5	20	10	49
7	VZ38027	4	3			4	4	20	10	45
8	VZ38028	3	3			2	2	20	10	40
9	VZ38039	4	3		4		4	20	10	45
10	VZ38050	3	3		2	2		20	10	40
11	VZ38051	3	3		2	2		20	10	40
12	VZ38052	3		3	2	2		20	10	40
13	VZ38053	4		3	4	4		20	10	45
14	VZ38054		4	3	4	4		20	10	45
15	VZ38055		4	3	4		4	20	10	45
16	VZ38056		4	3	4		4	20	10	45
17	VZ38057		3	3	2		2	20	10	40
18	VZ38058	4		3		4	4	20	10	45
19	VZ38059	5		5		4	5	20	10	49
20	VZ38060	3		3		2	2	20	10	40
21	VZ38061	3	3			2	2	20	10	40
22	VZ38062	4	3			4	4	20	10	45
23	VZ38063	3	3		2		2	20	10	40
24	VZ38064	4	3		4	4		20	10	45
25	VZ38065	3	3		2	2		20	10	40
26	VZ38066	3		3	2	2		20	10	40
27	VZ38067	3		3	2	2		20	10	40
28	VZ38068		5	5		4	5	20	10	49
29	VZ38069		5	5	4		5	20	10	49
30	VZ38080		3	3		2	2	20	10	40
31	VZ38081	3		3		2	2	20	10	40
32	VZ38082	3		3		2	2	20	10	40
33	VZ38083	2	2		3		5	10	10	32
<b>No. of Students Attempted</b>		<b>22</b>	<b>22</b>	<b>22</b>	<b>18</b>	<b>24</b>	<b>24</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>21</b>	<b>21</b>	<b>22</b>	<b>10</b>	<b>10</b>	<b>14</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										
<b>% of students secured &gt;= Threshold marks</b>		<b>95.45</b>	<b>95.45</b>	<b>100</b>	<b>55.56</b>	<b>41.67</b>	<b>58.33</b>			
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>			

<b>Direct CO Attainment</b>	3	3	3	1	1	1			
<b>Indirect CO Attainment Level</b>	2.61	2.52	2.61	2.7	2.61	2.76			
<b>Total CO Attainment</b>	2.96	2.95	2.96	1.17	1.16	2.93			
<b>Average CO Attainment</b>									2.36

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	2	4	3	2	4	1
<b>Level 2</b>	9	8	7	6	5	6
<b>Level 3</b>	22	21	23	25	24	26
<b>Total no. of students participated</b>	33	33	33	33	33	33
<b>CO Attainment Level</b>	2.61	2.52	2.61	2.7	2.61	2.76

<b>Mapping of CO-PO And Computation of PO's Attainment at Course Level</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	3		2	2	2	2	3	1	3	3	2
CO2		3	3		3	3	2			2	1	2
CO3	3		2					2	2		2	
CO4		1	3	2	2	2	3		3	1	2	2
CO5	2		2	1	2		2	2	1			2
CO6	3	2	3	2	3	3			3	1	2	1
<b>Average PO Attainment</b>	<b>2.75</b>	<b>2.25</b>	<b>2.6</b>	<b>1.75</b>	<b>2.4</b>	<b>2.5</b>	<b>2.25</b>	<b>2.33</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>2.16</b>	<b>1.77</b>	<b>2.05</b>	<b>1.38</b>	<b>1.89</b>	<b>1.97</b>	<b>1.77</b>	<b>1.83</b>	<b>1.57</b>	<b>1.38</b>	<b>1.57</b>	<b>1.42</b>

<b>Computation of CO Direct Attainment</b>
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Course :406											
Class: MBA II Sem-IV A.Y. 2019-20 Couse Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001	3		3	2		2	20	10	40	40
2	VZ38002	5		5	5		4	20	10	49	49
3	VZ38003		5	5		5	4	20	10	49	49
4	VZ38014		2	3		5	5	5	10	30	30
5	VZ38025		4	3		4	4	20	10	45	45
6	VZ38026		5	5	5		4	20	10	49	49
7	VZ38027	4		3	4		4	20	10	45	45
8	VZ38028	3	3		2	2		20	10	40	40
9	VZ38039	3	3		2	2		20	10	40	40
10	VZ38050	3	3		2	2		20	10	40	40
11	VZ38051	3	3		2	2		20	10	40	40
12	VZ38052	3	3		2	2		20	10	40	40
13	VZ38053	4	3		4		4	20	10	45	45
14	VZ38054	4	3		4		4	20	10	45	45
15	VZ38055	4	3		4		4	20	10	45	45
16	VZ38056	4		3		4	4	20	10	45	45
17	VZ38057	3		3		2	2	20	10	40	40
18	VZ38058			3		2	2	20	10	40	40
19	VZ38059		3	5		5	4	20	10	49	49
20	VZ38060		5	3		2	2	20	10	40	40
21	VZ38061		3	3	2		2	20	10	40	40
22	VZ38062	4	3	3	4		4	20	10	45	45
23	VZ38063	3		3	2	2		20	10	40	40
24	VZ38064	4		3	4	4		20	10	45	45
25	VZ38065	3		3	2	2		20	10	40	40

26	VZ38066	3	3		2	2		20	10	40	40
27	VZ38067	3	3		2		2	20	10	40	40
28	VZ38068	5	5		5		4	20	10	49	49
29	VZ38069	5	5		5		4	20	10	49	49
30	VZ38080	3	3			2	2	20	10	40	30
31	VZ38081	3		3		2	2	20	10	40	32
32	VZ38082	3		3		2	2	20	10	40	35
33	VZ38083		2	3		5	5	10	10	35	35
<b>No. of Students Attempted</b>		<b>24</b>	<b>22</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>24</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>24</b>	<b>20</b>	<b>20</b>	<b>10</b>	<b>7</b>	<b>15</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											33
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>90.91</b>	<b>100</b>	<b>47.62</b>	<b>33.33</b>	<b>62.5</b>				<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>FALS E</b>	<b>2</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2.6</b>	<b>2.4</b>	<b>2.8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.55</b>	<b>2.64</b>	<b>2.67</b>	<b>2.52</b>	<b>2.61</b>	<b>2.58</b>				
<b>Total CO Attainment</b>		<b>2.96</b>	<b>2.96</b>	<b>2.97</b>	<b>2.59</b>	<b>2.42</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											2.81

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	5	4	2	4	4	4
Level 2	5	4	7	8	5	6
Level 3	23	25	24	21	24	23
Total no. of students participated	33	33	33	33	33	33
CO Attainment Level	2.55	2.64	2.67	2.52	2.61	2.58

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	3		2	3	1	2	1		1	

CO2	1	3	1	1	1		2	1	1	2	1	2
CO3	2			2		1	3	2		3		1
CO4		1	2		2	2		3	3	2	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.5</b>	<b>1.5</b>	<b>2</b>	<b>1.67</b>	<b>1.75</b>	<b>1.8</b>	<b>2.25</b>	<b>2.17</b>	<b>1.8</b>	<b>2</b>	<b>1.5</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.41</b>	<b>1.41</b>	<b>1.87</b>	<b>1.56</b>	<b>1.64</b>	<b>1.69</b>	<b>2.11</b>	<b>2.03</b>	<b>1.69</b>	<b>1.87</b>	<b>1.41</b>	<b>1.87</b>

<b>Computation of CO Direct Attainment</b>											
<b>Course :407</b>											
<b>Class: MBA II Sem-IV    A.Y. 2019-20    Course Code:</b>											
<b>Internal Assessment</b>											<b>External Assessment</b>
Sr. No.	MAX.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)				
Seat No	CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ38001	3		3		2	2	20	10	40	26
2	VZ38002	5		5	5		4	20	10	49	29
3	VZ38003	5		5	5		4	20	10	49	31
4	VZ38014		3	3		2	2	18	10	38	29
5	VZ38025		4	3		4	4	20	10	45	34
6	VZ38026		5	5		5	4	20	10	49	50
7	VZ38027		4	3		4	4	20	10	45	39
8	VZ38028	3		3	2		2	20	10	40	34
9	VZ38039	4		3	4		4	20	10	45	29
10	VZ38050	4		3	4	4		20	10	45	50
11	VZ38051	3	3		2	2		20	10	40	35
12	VZ38052	3	3		2	2		20	10	40	40
13	VZ38053	4	3		4	4		20	10	45	31

14	VZ38054	4	3		4	4		20	10	45	43
15	VZ38055	4	3		4		4	20	10	45	34
16	VZ38056	4		3	4		4	20	10	45	44
17	VZ38057	3		3		2	2	20	10	40	46
18	VZ38058		4	3		4	4	20	10	45	50
19	VZ38059		5	5		5	4	20	10	49	46
20	VZ38060		3	3		2	2	20	10	40	45
21	VZ38061		3	3		2	2	20	10	40	44
22	VZ38062		4	3	4		4	20	10	45	50
23	VZ38063	3		3	2	2		20	10	40	38
24	VZ38064	4		3	4	4		20	10	45	39
25	VZ38065	3	3		2	2		20	10	40	48
26	VZ38066	3	3		2	2		20	10	40	46
27	VZ38067	3	3		2	2		20	10	40	50
28	VZ38068	5	5		5		4	20	10	49	48
29	VZ38069	5		5	5		4	20	10	49	50
30	VZ38080		4	3		4	4	20	10	45	26
31	VZ38081		3	3		2	2	20	10	40	25
32	VZ38082		3	3		2	2	20	10	40	20
33	VZ38083	3		3	2		2	20	10	40	25
<b>No. of Students Attempted</b>		<b>21</b>	<b>21</b>	<b>24</b>	<b>20</b>	<b>23</b>	<b>23</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>21</b>	<b>21</b>	<b>24</b>	<b>12</b>	<b>10</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>60</b>	<b>43.48</b>	<b>60.87</b>				<b>96.97</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>2</b>				<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2.8</b>	<b>2.6</b>	<b>2.8</b>				
<b>Indirect CO Attainment Level</b>		<b>2.52</b>	<b>2.67</b>	<b>2.64</b>	<b>2.61</b>	<b>2.58</b>	<b>2.48</b>				
<b>Total CO Attainment</b>		<b>2.95</b>	<b>2.97</b>	<b>2.96</b>	<b>2.78</b>	<b>2.6</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											<b>2.87</b>

Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	4	3	3	3	3	4
Level 2	8	5	6	7	8	9

Level 3	21	25	24	23	22	20
Total no. of students participated	33	33	33	33	33	33
CO Attainment Level	2.52	2.67	2.64	2.61	2.58	2.48

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	1	2	2	2	2	2	1	1	1	
CO2	3	3	3		1	1		3	2		2	2
CO3	2		2	1	2		1	3		1		3
CO4	1			2		2	2		3	3	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	2	2	2	1.75	1.75	1.6	2	2.6	2	1.6	1.75	2.4
PO's Attainment at Course Level	1.91	1.91	1.91	1.67	1.67	1.53	1.91	2.49	1.91	1.53	1.67	2.3

Computation of CO Direct Attainment											
Course :408											
Class: MBA II Sem.-IV    A.Y. 2019-20    Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001	3		3	2		2	20	10	40	44



2	VZ38002	5		5	5		4	20	10	49	44
3	VZ38003	5	5			5	4	20	10	49	50
4	VZ38014	3	3	2		2		18	10	38	25
5	VZ38025	4	3	4		4		20	10	45	30
6	VZ38026	5	5			5	4	20	10	49	50
7	VZ38027	4		3	4		4	20	10	45	38
8	VZ38028		3	3		2	2	20	10	40	33
9	VZ38039		4	3	4		4	20	10	45	28
10	VZ38050		4	3	4	4		20	10	45	50
11	VZ38051		3	3	2	2		20	10	40	24
12	VZ38052	3		3	2	2		20	10	40	40
13	VZ38053	4	3		4	4		20	10	45	33
14	VZ38054	4	3		4	4		20	10	45	44
15	VZ38055	4	3		4	4		20	10	45	36
16	VZ38056	4	3		4		4	20	10	45	41
17	VZ38057	3	3		2		2	20	10	40	29
18	VZ38058	4		3		4	4	20	10	45	39
19	VZ38059		5	5		5	4	20	10	49	33
20	VZ38060		3	3		2	2	20	10	40	33
21	VZ38061		3	3		2	2	20	10	40	31
22	VZ38062		4	3		4	4	20	10	45	41
23	VZ38063	3		3	2		2	20	10	40	28
24	VZ38064	4		3	4		4	20	10	45	35
25	VZ38065	3	3		2	2		20	10	40	40
26	VZ38066	3	3		2	2		20	10	40	44
27	VZ38067	3	3		2	2		20	10	40	43
28	VZ38068	5	5		5	4		20	10	49	34
29	VZ38069	5		5	5		4	20	10	49	50
30	VZ38080	4		3		4	4	20	10	45	33
31	VZ38081		3	3		2	2	20	10	40	25
32	VZ38082		3	3	2		2	20	10	40	20
33	VZ38083		3	3	2		2	20	10	40	AA
<b>No. of Students Attempted</b>		<b>22</b>	<b>24</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>21</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>32</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>22</b>	<b>24</b>	<b>21</b>	<b>11</b>	<b>12</b>	<b>12</b>				

In External Assessment No. of Students Secured >=Threshold marks (50%=25 Marks)												30
% of students secured >= Threshold marks	100	100	95.45	52.38	54.55	57.14						93.75
Attainment Level	3	3	3	1	1	1						3
Direct CO Attainment	3	3	3	2.6	2.6	2.6						
Indirect CO Attainment Level	2.61	2.67	2.64	2.61	2.7	2.55						
Total CO Attainment	2.96	2.97	2.96	2.6	2.61	2.93						
Average CO Attainment												2.84

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	4	3	3	3	2	5
Level 2	5	5	6	7	6	5
Level 3	24	25	24	23	25	23
Total no. of students participated	33	33	33	33	33	33
CO Attainment Level	2.61	2.67	2.64	2.61	2.7	2.55

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2		3	2		2	2			
CO2	2			2	2	1	2	1		1		2
CO3	3	1	1	1		2	1	2	1	3	2	
CO4			2		1	3	2		3		1	2
CO5	1	2		2	2		3	3	2	2	2	3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	2.25	1.75	1.75	1.67	2	2	2	2.2	2.2	2	1.75	2.25
PO's Attainment at Course Level	2.13	1.66	1.66	1.58	1.89	1.89	1.89	2.08	2.08	1.89	1.66	2.13

Computation of CO Direct Attainment											
Course :409											
Class: MBA II Sem.-IV    A.Y. 2019-20    Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50	50
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	VZ38001		3	3		2	2	20	10	40	50
2	VZ38002	5	5			5	4	20	10	49	50
3	VZ38003		5	5		5	4	20	10	49	50
4	VZ38014		3	3	2		2	18	10	38	26
5	VZ38025	4		3	4	4		20	10	45	33
6	VZ38026	5		5	5	4		20	10	49	50
7	VZ38027	4	3		4	4		20	10	45	46
8	VZ38028	3	3		2	2		20	10	40	38
9	VZ38039	4	3		4		4	20	10	45	27
10	VZ38050	4		3	4		4	20	10	45	50
11	VZ38051		3	3		2	2	20	10	40	35
12	VZ38052		3	3		2	2	20	10	40	46
13	VZ38053		4	3		4	4	20	10	45	40
14	VZ38054		4	3	4		4	20	10	45	50
15	VZ38055	4		3	4	4		20	10	45	44
16	VZ38056	4	3		4	4		20	10	45	50
17	VZ38057	3	3		2	2		20	10	40	43
18	VZ38058	4	3		4	4		20	10	45	50
19	VZ38059	5	5		5		4	20	10	49	40
20	VZ38060	3		3		2	2	20	10	40	46
21	VZ38061		3	3		2	2	20	10	40	43
22	VZ38062		4	3		4	4	20	10	45	49
23	VZ38063		3	3		2	2	20	10	40	40



CO1	3	3	2		3	3		2	2			
CO2	1			2	2	1	2	1		1		2
CO3	3	2	1	3		2	2	2	2		2	
CO4			2		3	3	2		3		1	2
CO5	1	2		2	2		3	2	2	2		
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2.33</b>	<b>2.4</b>	<b>2.2</b>	<b>2.25</b>	<b>2</b>	<b>2.4</b>	<b>1.67</b>	<b>1.67</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.91</b>	<b>1.91</b>	<b>1.67</b>	<b>2.23</b>	<b>2.3</b>	<b>2.1</b>	<b>2.15</b>	<b>1.91</b>	<b>2.3</b>	<b>1.6</b>	<b>1.6</b>	<b>1.91</b>

Computation of CO Direct Attainment											
Course :BPSM											
Class: MBA II Sem.-III      A.Y. 2020-21      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ68201	4		5	5	4		20	10	48	50
2	VZ68202		5	5	3		5	20	10	48	45
3	VZ68203		4	5		5	5	20	10	48	50
4	VZ68204		5	5		3	5	20	10	48	48
5	VZ68205		4	5		5	4	20	10	48	50
6	VZ68206	5		5		3	5	20	10	48	46
7	VZ68207	5		5		5	3	20	10	46	45
8	VZ68208	2	5		5		0	20	10	42	50
9	VZ68209	5	5		5	3		20	10	48	33
10	VZ68210	5	0		5	0		20	10	40	39
11	VZ68211	5	2		3	5		20	10	45	41
12	VZ68212	4		5	5	4		20	10	48	50
13	VZ68213	5		5	3		5	20	10	48	41
14	VZ68214	4		5	5		4	20	10	48	50
15	VZ68215		5	5		4	5	20	10	49	50
16	VZ68216		5	4		5	5	20	10	49	46

17	VZ68217		5	3		2	2	20	10	4 2	34
18	VZ68218		4	5		5	4	20	10	4 8	50
19	VZ68219	5		0	5		0	20	10	4 0	50
20	VZ68220	5		5	5		0	20	10	4 5	26
21	VZ68221	5	2		5	3		20	10	4 5	50
22	VZ68222	3	5		5	2		20	10	4 5	50
23	VZ68223	2	5		3	5		20	10	4 5	50
24	VZ68224	5	0		5	0		20	10	4 0	41
25	VZ68225	5	0		5		5	20	10	4 5	50
26	VZ68226	0		0	0		5	20	10	4 5	30
27	VZ68227	5		5	5		4	20	10	4 9	50
28	VZ68228		5	5		5	0	20	10	4 5	48
29	VZ68229		5	3		2	2	20	10	4 2	26
30	VZ68230		4	5		5	4	20	10	4 8	44
31	VZ68231		5	5		5	4	20	10	4 9	43
32	VZ68232	3		2		5	5	20	10	4 0	50
33	VZ68233	5		0	5		0	20	10	4 0	29
34	VZ68234	3		3	5		5	20	10	4 6	38
35	VZ68235	4	5			5	4	20	10	4 8	45
36	VZ68236	5	5		4	5		20	10	4 9	50
37	VZ68237	2	5		0	5		20	10	4 2	43
38	VZ68238	3	2		5	5		20	10	4 0	50
39	VZ68239	0	2			3	0	20	10	3 5	49
40	VZ68240	5		5	2		3	20	10	4 0	41
41	VZ68241	3		2	5	5		20	10	4 0	26





Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	1	6	3	2	1
Level 2	20	19	16	13	21	20
Level 3	35	36	34	40	33	35
Total no. of students participated	56	56	56	56	56	56
CO Attainment Level	2.61	2.63	2.5	2.66	2.55	2.61

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	1	2	1	3	2	1	2	3	1	3
CO2	1	1		1		3	1	2	2	1	3	2
CO3	2	2	3	2	2	2	3	3	3			
CO4	1	3	1	3	3		1			2	3	1
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	1.6	1.6	2	1.8	1.8	2.2	2	2.2	2.2	1.8	2	2.2

PO's Attainment at Course Level	0.78	0.78	0.97	0.88	0.88	1.07	0.97	1.07	1.07	0.88	0.97	1.07
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Computation of CO Direct Attainment												
Course :ED												
Class: MBA II Sem.-III      A.Y. 2020-21      Course Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ68201	4		5	5		4	20	10	48	50	
2	VZ68202		5	5		3	5	20	10	48	38	
3	VZ68203		4	5		5	5	20	10	48	50	
4	VZ68204		5	5		3	5	20	10	48	46	
5	VZ68205		4	5	5		4	20	10	48	50	
6	VZ68206		5	5	3	5		20	10	48	46	
7	VZ68207	2		5	0	5		20	10	42	41	
8	VZ68208	2	5		3	0		20	10	40	34	
9	VZ68209	5	5		5	3		20	10	48	36	
10	VZ68210	5	0		5	0		20	10	40	25	
11	VZ68211	5	2		3	5		20	10	45	43	
12	VZ68212	4	5		5		4	20	10	48	49	
13	VZ68213	5	5		3		5	20	10	48	50	

14	VZ68214	5		5		3	5	20	10	4 8	44
15	VZ68215		5	5		4	5	20	10	4 9	50
16	VZ68216		5	4		5	5	20	10	4 9	40
17	VZ68217		5	3		2	2	20	10	4 0	16
18	VZ68218		4	5		5	4	20	10	4 8	50
19	VZ68219		5	0		5	0	20	10	4 0	50
20	VZ68220		5	5	5		0	20	10	4 5	46
21	VZ68221	5		2	5	3		20	10	4 5	36
22	VZ68222	4		5	5	5		20	10	4 8	36
23	VZ68223	2	5		3	5		20	10	4 5	49
24	VZ68224	5	0		5	0		20	10	4 0	50
25	VZ68225	4	5		5	4		20	10	4 8	41
26	VZ68226	5	5		0		5	20	10	4 5	39
27	VZ68227	5	5		5		4	20	10	4 9	49
28	VZ68228	5		5		5	0	20	10	4 5	49
29	VZ68229	5		3		2	2	20	10	4 0	43
30	VZ68230		4	5		5	4	20	10	4 8	50
31	VZ68231		5	5		5	4	20	10	4 9	40
32	VZ68232		0	2		3	5	20	10	4 0	50
33	VZ68233		5	0	5		0	20	10	4 0	30
34	VZ68234		3	3	5		5	20	10	4 5	50
35	VZ68235		5	5	3		5	20	10	4 8	45
36	VZ68236	5		5	5	4		20	10	4 9	50
37	VZ68237	2		5	3	0		20	10	4 0	49
38	VZ68238	3	2		0	5		20	10	4 0	44

39	VZ68239	3	2		3	0		20	10	38	49
40	VZ68240	5	0		2	3		20	10	40	40
41	VZ68241	0	2		5		3	20	10	40	44
42	VZ68242	2	3		5		5	20	10	45	50
43	VZ68243	5		5	5		0	20	10	45	31
44	VZ68244	0		2		3	5	20	10	40	33
45	VZ68245		5	5		3	5	20	10	48	48
46	VZ68246		3	3		4	5	20	10	45	45
47	VZ68247		5	3		2	0	20	10	40	48
48	VZ68248		3	5		5	5	20	10	45	36
49	VZ68249		5	5		3	5	20	10	48	50
50	VZ68250	5		5	5		0	20	10	45	36
51	VZ68251	5		0	5		5	20	10	45	46
52	VZ68252	2	3		0	5		20	10	40	39
53	VZ68253	2	5		5	3		20	10	45	43
54	VZ68254	3	2		2	3		20	10	40	48
55	VZ68255	3	5		5		2	20	10	45	38
56	VZ68256	5	5		3		5	20	10	48	50
<b>No. of Students Attempted</b>		<b>34</b>	<b>43</b>	<b>35</b>	<b>36</b>	<b>39</b>	<b>37</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>16</b>	<b>18</b>	<b>15</b>	<b>17</b>	<b>16</b>	<b>16</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>47</b>	<b>41</b>	<b>42</b>	<b>47</b>	<b>41</b>	<b>43</b>				<b>58.93</b>
		<b>.06</b>	<b>.86</b>	<b>.86</b>	<b>.22</b>	<b>.03</b>	<b>.24</b>				
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				

<b>Indirect CO Attainment Level</b>	<b>2.</b> <b>52</b>	<b>2.</b> <b>57</b>	<b>2.</b> <b>48</b>	<b>2.</b> <b>48</b>	<b>2.</b> <b>57</b>	<b>2.</b> <b>48</b>				
<b>Total CO Attainment</b>	<b>1.</b> <b>15</b>	<b>1.</b> <b>16</b>	<b>1.</b> <b>15</b>	<b>1.</b> <b>15</b>	<b>1.</b> <b>16</b>	<b>2.</b> <b>93</b>				
<b>Average CO Attainment</b>										1.45

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>6</b>	<b>4</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>8</b>
<b>Level 2</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>17</b>	<b>16</b>	<b>13</b>
<b>Level 3</b>	<b>35</b>	<b>36</b>	<b>34</b>	<b>33</b>	<b>36</b>	<b>35</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.52</b>	<b>2.57</b>	<b>2.48</b>	<b>2.48</b>	<b>2.57</b>	<b>2.48</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	2	2	3	3	1	1	1	2	3	1	3
CO2	1	1		1		3	1	2	3		3	2
CO3	2	1	1	2		1	3	1		3		
CO4	1	3		2	2		1			2	2	2
CO5			3	1	1	1	3	2	1	1	1	1
CO6		2	2		2	2			3	2	1	1

Average PO Attainment	1.75	1.8	2	1.8	2	1.6	1.8	1.5	2.25	2.2	1.6	1.8
PO's Attainment at Course Level	0.85	0.87	0.97	0.87	0.97	0.77	0.87	0.73	1.09	1.06	0.77	0.87

Computation of CO Direct Attainment												
Course :IBM												
Class: MBA II Sem.-III      A.Y. 2020-21      Couse Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ68201	2		2	3		3	20	10	40	48	
2	VZ68202		5	5	3	5		20	10	48	34	
3	VZ68203		4	5	5	4		20	10	48	50	
4	VZ68204		5	5	3	5		20	10	48	34	
5	VZ68205		4	5	5	4		20	10	48	44	
6	VZ68206		5	5	3		5	20	10	48	36	
7	VZ68207		5	2		5	3	20	10	45	38	
8	VZ68208	3		5		5	5	20	10	48	33	
9	VZ68209	0		4		5	3	20	10	42	38	
10	VZ68210	5	0			5	0	20	10	40	38	

11	VZ68211	5	2			3	5	20	10	4 5	36
12	VZ68212	4	5			5	4	20	10	4 8	50
13	VZ68213	5	5		3		2	20	10	4 0	49
14	VZ68214	4	5		5		4	20	10	4 8	46
15	VZ68215	5		5	4	5		20	10	4 9	50
16	VZ68216	5		0	5	5		20	10	4 5	39
17	VZ68217		4	4	4	3		20	10	4 5	38
18	VZ68218		4	3	2	1		20	10	4 0	46
19	VZ68219		5	0	5	0		20	10	4 0	43
20	VZ68220		5	5	5		0	20	10	4 5	43
21	VZ68221		5	5	5		3	20	10	4 8	41
22	VZ68222	3		5		5	5	20	10	4 8	48
23	VZ68223	2		5		3	5	20	10	4 5	43
24	VZ68224	5	0			5	0	20	10	4 0	49
25	VZ68225	5	0			5	5	20	10	4 5	43
26	VZ68226	0	5			0	5	20	10	4 0	36
27	VZ68227	5	4		5		4	20	10	4 8	50
28	VZ68228	5		5	3		0	20	10	4 8	36
29	VZ68229	5		0	2	3		20	10	4 0	39
30	VZ68230		4	1	5	0		20	10	4 0	38
31	VZ68231		5	5	4	4		20	10	4 8	43
32	VZ68232		3	3	5	5		20	10	4 5	36
33	VZ68233		5	0	5	0		20	10	4 0	43
34	VZ68234		3	3	5		4	20	10	4 5	34
35	VZ68235		4	4	2		4	20	10	4 0	44





% of students secured >= Threshold marks	42 .4 2	41 .4 6	42 .1 1	50	46 .3 4	54 .0 5				58.93
Attainment Level	1	1	1	1	1	1				1
Direct CO Attainment	1	1	1	1	1	1				
Indirect CO Attainment Level	2. 41	2. 54	2. 54	2. 59	2. 45	2. 5				
Total CO Attainment	1. 14	1. 15	1. 15	1. 16	1. 15	2. 93				
Average CO Attainment										1.45

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	10	6	5	4	9	7
Level 2	13	14	16	15	13	14
Level 3	33	36	35	37	34	35
Total no. of students participated	56	56	56	56	56	56
CO Attainment Level	2.41	2.54	2.54	2.59	2.45	2.5

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO11	PO1 2
CO1	3	2	2	3	2	2	1	2	1	3	2	3
CO2	2	2		1		1	1				3	
CO3	2		3	2	2	2	3	3	3			1
CO4	1	3	1	3			1			3	2	2

CO5	2		1	2	3	1	2	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>2.25</b>	<b>1.6</b>	<b>1.6</b>	<b>2.5</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>0.97</b>	<b>0.97</b>	<b>0.87</b>	<b>1.06</b>	<b>1.09</b>	<b>0.77</b>	<b>0.77</b>	<b>1.21</b>	<b>0.97</b>	<b>1.09</b>	<b>0.97</b>	<b>1.06</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :MC</b>												
<b>Class: MBA II Sem.-III      A.Y. 2020-21      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)					
		CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ68201	4		5	5	5		20	10	49	50	
2	VZ68202		5	4	5		5	20	10	49	41	
3	VZ68203		5	5	4		5	20	10	49	49	
4	VZ68204		5	5		5	4	20	10	49	50	
5	VZ68205		5	5		3	2	20	10	40	50	
6	VZ68206		5	4		5	5	20	10	49	40	
7	VZ68207		5	5		3	2	20	10	40	45	
8	VZ68208		4	5		5	5	20	10	49	45	
9	VZ68209	5		5		3	2	20	10	40	36	

10	VZ68210	4		5		5	5	20	10	4 9	36
11	VZ68211	5		5	3		2	20	10	4 0	45
12	VZ68212	4	5		5	5		20	10	4 9	50
13	VZ68213	5	5		3	2		20	10	4 0	50
14	VZ68214	4	5		5	5		20	10	4 9	50
15	VZ68215	4	5		5	5		20	10	4 9	50
16	VZ68216	4	5		5	5		20	10	4 9	45
17	VZ68217	5	5		3	2		20	10	4 0	39
18	VZ68218	4		5	5		5	20	10	4 9	50
19	VZ68219	5		5	5		5	20	0	4 0	48
20	VZ68220		4	5		5	5	20	10	4 9	50
21	VZ68221		4	5		5	5	20	10	4 9	40
22	VZ68222		5	0		5	0	20	10	4 0	50
23	VZ68223		5	0		5	0	20	10	4 0	50
24	VZ68224		5	5		3	2	20	10	4 0	48
25	VZ68225		5	0		5	0	20	10	4 0	50
26	VZ68226	5		4	5		5	20	10	4 9	39
27	VZ68227	5		5	4	5		20	10	4 9	50
28	VZ68228	5	5		5	4		20	10	4 9	46
29	VZ68229	5	0		5	0		20	10	4 0	45
30	VZ68230	5	5		3	2		20	10	4 0	50
31	VZ68231	4	5		5	5		20	10	4 9	50
32	VZ68232	5	4		5	5		20	10	4 9	50
33	VZ68233	5	5		4		5	20	10	4 9	43
34	VZ68234	5		5	5		4	20	10	4 9	49

35	VZ68235	4		5		5	5	20	10	4 9	41
36	VZ68236		5	4		5	5	20	10	4 9	50
37	VZ68237		5	0		5	0	20	10	4 0	49
38	VZ68238		5	5		3	2	20	10	4 0	50
39	VZ68239		5	0		5	3	20	10	4 0	44
40	VZ68240		5	5		3	2	20	10	4 0	50
41	VZ68241	5		5	5		5	19	10	4 9	46
42	VZ68242	5		5	5		5	20	0	4 0	50
43	VZ68243	5	5		5	5		19	10	4 9	39
44	VZ68244	5	5		5	5		20	0	4 0	35
45	VZ68245	5	5		5	5		19	10	4 9	50
46	VZ68246	5	5		5	5		20	0	4 0	45
47	VZ68247	5	0		5	0		20	10	4 0	48
48	VZ68248	5	5		3		3	20	10	4 0	39
49	VZ68249	4		5	5		5	20	10	4 9	50
50	VZ68250	5		4		5	5	20	10	4 9	44
51	VZ68251		5	0		5	3	20	10	4 0	50
52	VZ68252		5	5		3	3	20	10	4 0	58
53	VZ68253		5	0		5	3	20	10	4 0	48
54	VZ68254		5	5		3	3	20	10	4 0	49
55	VZ68255		5	3	5		3	20	10	4 0	43
56	VZ68256	5		5	3		2	20	10	4 0	50
<b>No. of Students Attempted</b>		<b>33</b>	<b>41</b>	<b>38</b>	<b>32</b>	<b>42</b>	<b>38</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>21</b>	<b>22</b>	<b>16</b>	<b>20</b>	<b>21</b>	<b>16</b>				



CO1	1	3	1	2	1	2	2	3	1	2	3	2
CO2		1		1		3	1	2	3	1	3	2
CO3	2	2	3	2	2	3	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2			2	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.5</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>2</b>	<b>2.6</b>	<b>2.2</b>	<b>1.67</b>	<b>2.2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>0.76</b>	<b>1.01</b>	<b>0.88</b>	<b>1.01</b>	<b>0.91</b>	<b>1.11</b>	<b>1.01</b>	<b>1.31</b>	<b>1.11</b>	<b>0.84</b>	<b>1.11</b>	<b>1.11</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :EL1</b>												
<b>Class: MBA II Sem.-III      A.Y. 2020-21      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.	MAX.	Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)					
		CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ68201		4	5	5		4	20	10	48	50	
2	VZ68202		5	5		3	5	20	10	48	36	
3	VZ68203		4	5		5	4	20	10	48	50	
4	VZ68204		5	5		3	5	20	10	48	40	
5	VZ68205	4		5		5	4	20	10	48	41	
6	VZ68206	5	5		3		5	20	10	48	46	
7	VZ68207	3	5		5		3	20	10	46	46	

8	VZ68208	2	5		5	0		20	10	4 2	39
9	VZ68209	5	5		5	3		20	10	4 8	33
10	VZ68210	5		0	3	2		20	10	4 0	30
11	VZ68211	5		2	3	5		20	10	4 5	36
12	VZ68212	4		5	5	4		20	10	4 8	50
13	VZ68213	5		5	3		5	20	10	4 8	48
14	VZ68214	4		5	5		4	20	10	4 8	46
15	VZ68215		5	5		4	5	20	10	4 9	50
16	VZ68216		5	4		5	5	20	10	4 9	50
17	VZ68217		5	3		2	2	20	10	4 2	34
18	VZ68218		4	5		5	4	20	10	4 8	41
19	VZ68219		1	4		3	2	20	10	4 0	48
20	VZ68220	5		5	5		0	20	10	4 5	41
21	VZ68221	5		2	5		3	20	10	4 5	36
22	VZ68222	3	5		5		2	20	10	4 5	48
23	VZ68223	2	5		3	5		20	10	4 5	44
24	VZ68224	5	0		3	2		20	10	4 0	41
25	VZ68225	5	0		5	5		20	10	4 5	39
26	VZ68226	5	0		5	5		20	10	4 5	39
27	VZ68227	5		5	5	4		20	10	4 9	50
28	VZ68228	5		5	5		0	20	10	4 5	39
29	VZ68229		2	3	2		3	20	10	4 2	35
30	VZ68230		4	5		5	4	20	10	4 8	45
31	VZ68231		5	5		5	4	20	10	4 9	43
32	VZ68232		4	3		3	0	20	10	4 0	50

33	VZ68233		4	3		3	0	20	10	4 0	40
34	VZ68234		4	3	3		0	20	10	4 0	35
35	VZ68235	4		5	5		4	20	10	4 8	50
36	VZ68236	5		4	5	5		20	10	4 9	50
37	VZ68237	2		5	5	0		20	10	4 2	41
38	VZ68238	5		0	5	0		20	10	4 0	50
39	VZ68239	5	0		5	0		20	10	4 0	38
40	VZ68240	5	5		5		5	15	10	4 0	36
41	VZ68241	5	0		0		5	20	10	4 0	44
42	VZ68242	2	3			5	5	20	10	4 5	50
43	VZ68243	5	5			3	3	20	10	4 6	40
44	VZ68244	0		2		5	5	20	10	4 2	43
45	VZ68245	4		5		5	4	20	10	4 8	49
46	VZ68246	5		4	2		5	20	10	4 6	39
47	VZ68247		5	3	2	2		20	10	4 2	48
48	VZ68248		3	5	5	5		20	10	4 5	31
49	VZ68249		4	5	5	4		20	10	4 8	50
50	VZ68250		5	5	5	0		20	10	4 5	48
51	VZ68251		5	0	5		5	20	10	4 5	50
52	VZ68252	5		0		5	3	20	10	4 0	36
53	VZ68253	5		0		5	5	20	10	4 5	49
54	VZ68254	5		0		5	3	20	10	4 0	50
55	VZ68255	5	3			5	0	20	10	4 5	48
56	VZ68256	4	5		5		4	20	10	4 8	48
<b>No. of Students Attempted</b>		<b>36</b>	<b>36</b>	<b>40</b>	<b>35</b>	<b>39</b>	<b>38</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>





		PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8		PO1 0		PO1 2
CO1	2		2	2	1	2	2	3	1	2	3	
CO2		3		1			1	2	3	1	3	2
CO3	2	2	3		2	3		2	1		1	
CO4	1	3	1	1	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>2.25</b>	<b>2</b>	<b>1.5</b>	<b>1.5</b>	<b>2</b>	<b>1.75</b>	<b>2.4</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>0.85</b>	<b>1.09</b>	<b>0.97</b>	<b>0.73</b>	<b>0.73</b>	<b>0.97</b>	<b>0.85</b>	<b>1.16</b>	<b>0.87</b>	<b>0.77</b>	<b>1.06</b>	<b>1.09</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :EL2</b>												
<b>Class: MBA II Sem.-III      A.Y. 2020-21      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ68201		0	5	5		0	20	10	40	50	
2	VZ68202		4	5	5	4		20	10	48	38	
3	VZ68203		5	5	3	5		20	10	48	50	
4	VZ68204		4	5	5	4		20	10	48	43	
5	VZ68205	5		5	3	5		20	10	48	40	
6	VZ68206	4		5	5		4	20	10	48	43	

7	VZ68207	3	2		2		3	20	10	4 0	43
8	VZ68208	3	5		5		5	20	10	4 8	39
9	VZ68209	5	5			5	3	20	10	4 0	34
10	VZ68210	0	5			5	0	20	10	4 0	40
11	VZ68211	5	2			3	5	20	10	4 5	44
12	VZ68212	4		5		5	4	20	10	4 8	50
13	VZ68213	0		5	5		0	20	10	4 0	45
14	VZ68214		4	5	5		4	20	10	4 8	50
15	VZ68215		5	5	4		5	20	10	4 9	50
16	VZ68216		5	0	5	5		20	10	4 5	45
17	VZ68217		1	4	3	2		20	10	4 0	38
18	VZ68218	1		4	3	2		20	10	4 0	45
19	VZ68219	1		4	3	2		20	10	4 0	44
20	VZ68220	5	5		5	0		20	10	4 5	50
21	VZ68221	5	5		5		3	20	10	4 8	46
22	VZ68222	4	5			5	3	20	10	4 8	38
23	VZ68223	2	5			3	5	20	10	4 5	49
24	VZ68224	1		4		3	2	20	10	4 0	38
25	VZ68225	5		3		5	5	20	10	4 8	44
26	VZ68226		1	4	3		2	20	10	4 0	38
27	VZ68227		4	5	5		4	20	10	4 8	50
28	VZ68228		5	5	5		3	20	10	4 8	44
29	VZ68229		5	0	3	2		20	10	4 0	36
30	VZ68230		3	5	5	2		20	10	4 5	40
31	VZ68231	2		5	5	4		20	10	4 6	48

32	VZ68232	5		5	3	2		20	10	4 5	44
33	VZ68233	5	5		3	2		20	10	4 5	38
34	VZ68234	3	3		5		5	20	10	4 6	33
35	VZ68235	4	5		5		4	20	10	4 8	38
36	VZ68236	5	4			5	5	20	10	4 9	50
37	VZ68237	5	0			3	2	20	10	4 0	49
38	VZ68238	5		0		5	2	20	10	4 2	50
39	VZ68239	5		0		3	3	20	10	4 0	50
40	VZ68240		5	0		3	2	20	10	4 0	50
41	VZ68241		5	0	3		2	20	10	4 0	45
42	VZ68242		2	5	5		5	20	10	4 8	50
43	VZ68243		5	0	3		2	20	10	4 0	46
44	VZ68244	5		3	3	2		20	10	4 0	46
45	VZ68245	4		5	5	4		20	10	4 8	50
46	VZ68246	5		0	2	5		20	10	4 2	46
47	VZ68247	5	0		3		2	20	10	4 0	48
48	VZ68248	5	5		5		3	20	10	4 5	35
49	VZ68249	5	5		5		3	20	10	4 5	50
50	VZ68250	4	3			3	3	20	10	4 0	48
51	VZ68251	4		3		3	3	20	10	4 0	50
52	VZ68252		4	3		3	3	20	10	4 0	36
53	VZ68253		4	3		3	3	20	10	4 0	49
54	VZ68254		4	3	3		0	20	10	4 0	50
55	VZ68255		3	2	5		5	20	10	4 5	48
56	VZ68256	0		5	5		5	20	10	4 5	48

<b>No. of Students Attempted</b>	35	39	38	39	34	39	56	56	56	56
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	17	18	16	21	14	16				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										33
<b>% of students secured &gt;= Threshold marks</b>	48 .5 7	46 .1 5	42 .1 1	53 .8 5	41 .1 8	41 .0 3				58.93
<b>Attainment Level</b>	1	1	1	1	1	1				1
<b>Direct CO Attainment</b>	1	1	1	1	1	1				
<b>Indirect CO Attainment Level</b>	2. 57	2. 5	2. 66	2. 54	2. 59	2. 54				
<b>Total CO Attainment</b>	1. 16	1. 15	1. 17	1. 15	1. 16	2. 93				
<b>Average CO Attainment</b>										1.45

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	4	6	3	5	4	5
<b>Level 2</b>	16	16	13	16	15	16
<b>Level 3</b>	36	34	40	35	37	35
<b>Total no. of students participated</b>	56	56	56	56	56	56
<b>CO Attainment Level</b>	2.57	2.5	2.66	2.54	2.59	2.54

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>	
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	2	3	3	2	3	1	2	3	1	3
CO2	2	2		2		1	2		1	2	1	3
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>1.6</b>	<b>2.4</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>1.4</b>	<b>2.6</b>
<b>PO's Attainment at Course Level</b>	<b>0.77</b>	<b>0.97</b>	<b>1.06</b>	<b>1.06</b>	<b>1.06</b>	<b>0.77</b>	<b>1.16</b>	<b>1.09</b>	<b>0.97</b>	<b>0.97</b>	<b>0.68</b>	<b>1.26</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :EL3</b>												
<b>Class: MBA II Sem.-III      A.Y. 2020-21      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ68201	3	2			2	3	20	10	40	50	
2	VZ68202		4	5	5		4	20	10	48	36	
3	VZ68203		5	5	3	5		20	10	48	50	
4	VZ68204		4	5	5	4		20	10	48	41	
5	VZ68205	5		5	3	5		20	10	48	50	

6	VZ68206	4		5	5	4		20	10	4 8	33
7	VZ68207	2	2		3		3	20	10	4 0	44
8	VZ68208	5	4		5		4	20	10	4 8	38
9	VZ68209	0	2			4	4	20	10	4 0	26
10	VZ68210	0	3			2	5	20	10	4 0	38
11	VZ68211	2	3			5	5	20	10	4 5	38
12	VZ68212	4		5	5		4	20	10	4 8	48
13	VZ68213		5	5	5		0	20	10	4 0	43
14	VZ68214		5	5	5		3	20	10	4 8	46
15	VZ68215		5	5	4	5		20	10	4 9	50
16	VZ68216		5	0	5	5		20	10	4 5	46
17	VZ68217	0		5	2	3		20	10	4 0	29
18	VZ68218	1		4	5	0		20	10	4 0	48
19	VZ68219	5	1		4	3		20	10	4 0	46
20	VZ68220	5	3		5		2	20	10	4 5	45
21	VZ68221	4	5		4		5	20	10	4 8	41
22	VZ68222	5	5			5	3	20	10	4 8	44
23	VZ68223	5	5			2	3	20	10	4 5	48
24	VZ68224	0		1		4	5	20	10	4 0	44
25	VZ68225	5		5		5	3	20	10	4 8	48
26	VZ68226		2	3		5	0	20	10	4 0	31
27	VZ68227		4	5	5		4	20	10	4 8	50
28	VZ68228		5	5	5		3	20	10	4 8	43
29	VZ68229		4	2	4		2	20	10	4 0	34
30	VZ68230	2		4	2	4		20	10	4 0	50

31	VZ68231	5		5	4	5		20	10	4 9	50
32	VZ68232	5	5		5	4		20	10	4 9	50
33	VZ68233	5	4		5	5		20	10	4 9	44
34	VZ68234	4	5		5	5		20	10	4 9	41
35	VZ68235	5	5		5	4		20	10	4 9	46
36	VZ68236	5	5		5		4	20	10	4 9	50
37	VZ68237	3	5		5		5	20	10	4 0	35
38	VZ68238	2		4		2	4	20	10	4 0	48
39	VZ68239	0		2		4	2	20	10	3 8	46
40	VZ68240		4	2		4	2	20	10	4 0	35
41	VZ68241		2	3		2	3	20	10	4 0	41
42	VZ68242		5	3		5	5	20	10	4 8	44
43	VZ68243		4	2		4	2	20	10	4 0	41
44	VZ68244	3		3	2		3	20	10	4 0	40
45	VZ68245	5		3	5	5		20	10	4 8	40
46	VZ68246	3	5		5	2		20	10	4 2	38
47	VZ68247	0	5		0	5		20	10	4 0	41
48	VZ68248	5	5		0	5		20	10	4 5	31
49	VZ68249	3	3		5	0		20	10	4 5	48
50	VZ68250	3		3	2		3	20	10	4 0	41
51	VZ68251	3		2	3		3	20	10	4 0	48
52	VZ68252		2	3		2	3	20	10	4 0	25
53	VZ68253		2	3		2	3	20	10	4 0	41
54	VZ68254		2	3		2	3	20	10	4 0	41
55	VZ68255		5	3		2	5	20	10	4 5	35



56	VZ68256	2		3	5		0	20	10	4 5	40
<b>No. of Students Attempted</b>		<b>37</b>	<b>40</b>	<b>35</b>	<b>37</b>	<b>39</b>	<b>36</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>15</b>	<b>17</b>	<b>17</b>	<b>15</b>	<b>16</b>	<b>16</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>40 .5 4</b>	<b>42 .5</b>	<b>48 .5 7</b>	<b>40 .5 4</b>	<b>41 .0 3</b>	<b>44 .4 4</b>				<b>58.93</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 43</b>	<b>2. 54</b>	<b>2. 54</b>	<b>2. 63</b>	<b>2. 5</b>	<b>2. 66</b>				
<b>Total CO Attainment</b>		<b>1. 14</b>	<b>1. 15</b>	<b>1. 15</b>	<b>1. 16</b>	<b>1. 15</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>3</b>
<b>Level 2</b>	<b>14</b>	<b>14</b>	<b>16</b>	<b>19</b>	<b>16</b>	<b>13</b>
<b>Level 3</b>	<b>33</b>	<b>36</b>	<b>35</b>	<b>36</b>	<b>34</b>	<b>40</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.43</b>	<b>2.54</b>	<b>2.54</b>	<b>2.63</b>	<b>2.5</b>	<b>2.66</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	3	1	2	3	1	2	3	3	2	1
CO2	2	3		1		1	2	3	1	1	1	2
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.2</b>	<b>2.4</b>	<b>1.6</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2.6</b>	<b>2.2</b>	<b>1.83</b>	<b>1.6</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.77</b>	<b>1.06</b>	<b>1.16</b>	<b>0.77</b>	<b>0.97</b>	<b>0.87</b>	<b>0.97</b>	<b>1.26</b>	<b>1.06</b>	<b>0.88</b>	<b>0.77</b>	<b>0.97</b>

Computation of CO Direct Attainment												
Course :EL4												
Class: MBA II Sem.-III      A.Y. 2020-21      Course Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ68201		0	3	3		4	20	10	40	43	
2	VZ68202		4	5	5		4	20	10	48	35	
3	VZ68203		5	5		3	5	20	10	48	48	
4	VZ68204		4	5		5	4	20	10	48	34	

5	VZ68205	5		5		3	5	20	10	4 8	43
6	VZ68206	4	5			5	4	20	10	4 8	36
7	VZ68207	0	3			3	4	20	10	4 0	40
8	VZ68208	5	5		4		5	20	10	4 8	31
9	VZ68209	0	5		2		3	20	10	4 0	30
10	VZ68210	1		4	5	0		20	10	4 0	33
11	VZ68211		5	5	2	3		20	10	4 5	39
12	VZ68212		5	4	4	5		20	10	4 8	41
13	VZ68213		0	4	3	3		20	10	4 0	46
14	VZ68214		5	5	3	5		20	10	4 8	44
15	VZ68215		5	5	5		4	20	10	4 9	48
16	VZ68216		3	3		4	5	20	10	4 5	36
17	VZ68217	0		5		2	3	20	10	4 0	25
18	VZ68218	1		4		5	0	20	10	4 0	41
19	VZ68219	0	5			1	4	20	10	4 0	38
20	VZ68220	5	5			2	3	20	10	4 5	34
21	VZ68221	5	4		4		5	20	10	4 8	25
22	VZ68222	5	5		5	3		20	10	4 8	41
23	VZ68223	5	2		3	5		20	10	4 5	41
24	VZ68224	0		2	3	5		20	10	4 0	39
25	VZ68225		4	4	5	5		20	10	4 8	44
26	VZ68226		0	5	0		5	20	10	4 0	40
27	VZ68227		5	3	5		5	20	10	4 8	45
28	VZ68228		4	5		4	5	20	10	4 8	48
29	VZ68229		5	0		2	3	20	10	4 0	29

30	VZ68230	2		5		3	5	20	10	4 5	45
31	VZ68231	5		4		5	4	20	10	4 8	45
32	VZ68232	4		5		4	5	20	10	4 8	44
33	VZ68233	2	5		5		3	20	10	4 5	50
34	VZ68234	5	5		3	3		20	10	4 6	40
35	VZ68235	5	5		5	3		20	10	4 8	43
36	VZ68236	5	5		4	5		20	10	4 9	49
37	VZ68237	0	3		4	4		20	10	4 0	50
38	VZ68238	4		4	2		0	20	10	4 0	50
39	VZ68239	0		1	2		2	20	10	3 5	50
40	VZ68240		0	5		2	3	20	10	4 0	48
41	VZ68241		1	4		5	0	20	10	4 0	41
42	VZ68242		4	5		4	5	20	10	4 8	50
43	VZ68243		0	5		2	3	20	10	4 0	46
44	VZ68244		1	4		5	0	20	10	4 0	39
45	VZ68245	5		4	5		4	20	10	4 8	44
46	VZ68246	3		5	2	3		20	10	4 0	45
47	VZ68247	1	4		5	0		20	10	4 0	50
48	VZ68248	5	5		2	3		20	10	4 5	40
49	VZ68249	3	5		3	5		20	10	4 5	50
50	VZ68250	3	5		3	3		20	10	4 0	45
51	VZ68251	3	5		3		3	20	10	4 0	50
52	VZ68252	1	4			5	0	20	10	4 0	50
53	VZ68253	3		2		2	3	20	10	4 0	45
54	VZ68254	3		2		4	4	20	10	4 0	50

55	VZ68255		2	4		4	5	20	10	4	39
56	VZ68256		5	5	0		5	20	10	4	44
<b>No. of Students Attempted</b>		<b>34</b>	<b>42</b>	<b>36</b>	<b>32</b>	<b>42</b>	<b>38</b>	<b>56</b>	<b>56</b>	<b>5</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>17</b>	<b>17</b>	<b>13</b>	<b>20</b>	<b>17</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>41</b>	<b>40</b>	<b>47</b>	<b>40</b>	<b>47</b>	<b>44</b>				<b>58.93</b>
		<b>.1</b>	<b>.4</b>	<b>.2</b>	<b>.6</b>	<b>.6</b>	<b>.7</b>				
		<b>8</b>	<b>8</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>4</b>				
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>55</b>	<b>5</b>	<b>66</b>	<b>54</b>	<b>54</b>	<b>59</b>				
<b>Total CO Attainment</b>		<b>1.</b>	<b>1.</b>	<b>1.</b>	<b>1.</b>	<b>1.</b>	<b>2.</b>				
		<b>16</b>	<b>15</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>93</b>				
<b>Average CO Attainment</b>											<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>4</b>
<b>Level 2</b>	<b>15</b>	<b>16</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>15</b>
<b>Level 3</b>	<b>36</b>	<b>34</b>	<b>40</b>	<b>36</b>	<b>35</b>	<b>37</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.55</b>	<b>2.5</b>	<b>2.66</b>	<b>2.54</b>	<b>2.54</b>	<b>2.59</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2		1	2	1	2	3	3	1	2	2	1
CO2	1	1		1		3	1	2	3	1	3	2
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2.2</b>	<b>2.6</b>	<b>2.2</b>	<b>1.67</b>	<b>2</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.77</b>	<b>0.85</b>	<b>0.97</b>	<b>0.87</b>	<b>0.87</b>	<b>0.97</b>	<b>1.06</b>	<b>1.26</b>	<b>1.06</b>	<b>0.81</b>	<b>0.97</b>	<b>0.97</b>

Computation of CO Direct Attainment												
Course :OR												
Class: MBA II Sem.-IV      A.Y. 2020-21      Couse Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	20	10	50		
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ68201	4		5	5	4		20	10	48	44	
2	VZ68202	5		4	3	5		20	10	47	36	

3	VZ68203	4	5		3	5		20	10	4 6	50
4	VZ68204	0	5		5	5		20	10	4 5	43
5	VZ68205	5	4		4		4	20	10	4 7	38
6	VZ68206	5	5			3	5	20	10	4 8	39
7	VZ68207	5		4		5	5	20	10	4 9	34
8	VZ68208		5	5		5	3	20	10	4 8	35
9	VZ68209		5	5		4	3	20	10	4 7	34
10	VZ68210		5	3	4		4	20	10	4 6	41
11	VZ68211		5	5	4		5	20	10	4 9	44
12	VZ68212		5	4	5	3		20	10	4 7	50
13	VZ68213	0		5	5	5		20	10	4 5	35
14	VZ68214	5		5	3	4		20	10	4 7	48
15	VZ68215	5	3		5	5		20	10	4 8	46
16	VZ68216	5	5		5		4	20	10	4 9	44
17	VZ68217	4	4		5		5	20	10	4 8	35
18	VZ68218	4	4			4	4	20	10	4 6	36
19	VZ68219	5		3		5	5	20	10	4 8	41
20	VZ68220	5		5		3	2	20	10	4 5	30
21	VZ68221		3	5		5	5	20	10	4 8	45
22	VZ68222		2	5		4	5	20	10	4 6	33
23	VZ68223		5	4	5		3	20	10	4 7	50
24	VZ68224		4	5	4		5	20	10	4 8	25
25	VZ68225		5	4	5	5		20	10	4 9	43
26	VZ68226	4		5	5	4		20	10	4 8	38
27	VZ68227	5		3	5	4		20	10	4 7	50

28	VZ68228	5	4		5	4		20	10	4 8	48
29	VZ68229	5	4		5		5	20	10	4 9	48
30	VZ68230	5	5		5		3	20	10	4 8	46
31	VZ68231	5	5			4	3	20	10	4 7	45
32	VZ68232	5	4			5	4	20	10	4 8	50
33	VZ68233	5		5		2	3	20	10	4 5	43
34	VZ68234		5	5		4	5	20	10	4 9	36
35	VZ68235		4	5	4		5	20	10	4 8	44
36	VZ68236		5	2	3		5	20	10	4 5	50
37	VZ68237		5	5	4	5		20	10	4 9	41
38	VZ68238		4	5	5	4		20	10	4 8	49
39	VZ68239	5		5	3	3		20	10	4 6	44
40	VZ68240	3	5		4	5		20	10	4 7	33
41	VZ68241	5	4		5		4	20	10	4 8	44
42	VZ68242	5	4			5	3	20	10	4 7	50
43	VZ68243	4	5			4	5	20	10	4 8	43
44	VZ68244	5	4			4	3	20	10	4 6	29
45	VZ68245	2		3		5	5	20	10	4 5	50
46	VZ68246	5		5	3		3	20	10	4 6	29
47	VZ68247		5	4	4		5	20	10	4 8	34
48	VZ68248		5	5	4	5		20	10	4 9	40
49	VZ68249		3	5	4	4		20	10	4 6	45
50	VZ68250		3	5	4	5		20	10	4 7	29
51	VZ68251		4	4	5	5		20	10	4 8	29
52	VZ68252	5		4	4		3	20	10	4 7	19





CO Attainment Level	2.54	2.5	2.66	2.54	2.59	2.5
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COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO11	PO1 2
CO1	3	2	2	3	3	1	1	1	2		1	3
CO2	2	1		1		3		3		1	3	1
CO3		3		3		2	2		1	3		
CO4	1		2		2		1			2		2
CO5	2		3	1	1	1	3	2	1	1	1	
CO6		1	2		2	2		3	3	2	2	1
<b>Average PO Attainment</b>	<b>2</b>	<b>1.75</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>2.25</b>	<b>1.75</b>	<b>1.8</b>	<b>1.75</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>0.99</b>	<b>0.86</b>	<b>1.11</b>	<b>0.99</b>	<b>0.99</b>	<b>0.89</b>	<b>0.86</b>	<b>1.11</b>	<b>0.86</b>	<b>0.89</b>	<b>0.86</b>	<b>0.86</b>

Computation of CO Direct Attainment												
Course :CGBE												
Class: MBA II Sem.-III      A.Y. 2020-21      Couse Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ68201	4		5	5		4	20	10	47	36	

2	VZ68202		5	5		3	5	20	10	4 7	31
3	VZ68203		4	5		5	4	20	10	4 7	48
4	VZ68204	3	5	5		3	5	20	10	4 7	41
5	VZ68205		4	5	5		4	20	10	4 7	44
6	VZ68206	5		5	3		4	20	10	4 7	43
7	VZ68207	3	4		5	5		20	10	4 7	41
8	VZ68208	5	4		3	5		20	10	4 7	34
9	VZ68209	5	5		4	5		20	10	4 8	20
10	VZ68210	3	3		4	2		20	10	4 2	35
11	VZ68211	5	5		3	2		20	10	4 5	41
12	VZ68212	5		5	3		3	20	10	4 6	45
13	VZ68213	3	0	3		3	4	20	10	4 0	49
14	VZ68214	3	5	5		3	3	20	10	4 6	40
15	VZ68215		5	4		5	5	20	10	4 9	44
16	VZ68216		5	5		3	5	20	10	4 7	36
17	VZ68217		5	5		3	3	20	10	4 6	19
18	VZ68218	3		3	4		2	20	10	4 1	49
19	VZ68219	2		3	4	2		20	10	4 1	44
20	VZ68220	3	3		4	2		20	10	4 1	36
21	VZ68221	0	3		3	4		20	10	4 0	40
22	VZ68222	5	3		4	4		20	10	4 6	39
23	VZ68223	5	4		5	5		20	10	4 9	45
24	VZ68224	3	3		3		4	20	10	4 0	46
25	VZ68225	2		3	4		2	20	10	4 1	43
26	VZ68226	5		5		3	2	20	10	4 5	35

27	VZ68227		5	5		3	5	20	10	4 8	48
28	VZ68228		2	3		4	2	20	10	4 4	38
29	VZ68229		2	3		4	2	20	10	4 1	44
30	VZ68230		5	5	3		5	20	10	4 7	50
31	VZ68231		5	5	3		2	20	10	4 5	43
32	VZ68232	5		3	4	4		20	10	4 6	45
33	VZ68233	0		3	3	4		20	10	4 0	40
34	VZ68234	5		5	3	5		20	10	4 7	31
35	VZ68235	0	3		3	4		20	10	4 0	41
36	VZ68236	5	5		4	5		20	10	4 9	48
37	VZ68237	2	3		3		3	20	10	4 0	38
38	VZ68238	5	5		3		3	20	10	4 5	41
39	VZ68239	2	3			4	2	20	10	4 2	46
40	VZ68240	3		2		4	3	20	10	4 3	50
41	VZ68241	3		2		4	3	20	10	4 2	38
42	VZ68242		2	3		4	3	20	10	4 1	50
43	VZ68243		2	3	4		3	20	10	4 1	40
44	VZ68244		2	3	4		2	20	10	4 1	34
45	VZ68245		3	2	4	2		20	10	4 2	39
46	VZ68246		3	2	4	2		20	10	4 1	48
47	VZ68247		2	3	3	2		20	10	4 0	23
48	VZ68248	3		2	4	2		20	10	4 1	35
49	VZ68249	3		2	3	2		20	10	4 0	48
50	VZ68250	3	3		4		3	20	10	4 1	48
51	VZ68251	3	3		3		3	20	10	4 0	46

52	VZ68252	3	3			3	3	20	10	4 0	31
53	VZ68253	3	3			4	3	20	10	4 1	36
54	VZ68254	3		3		3	4	20	10	4 0	49
55	VZ68255	5		5		3	2	20	10	4 5	40
56	VZ68256		5	5	3		5	20	10	4 7	30
<b>No. of Students Attempted</b>		<b>38</b>	<b>40</b>	<b>37</b>	<b>36</b>	<b>40</b>	<b>36</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>16</b>	<b>16</b>	<b>17</b>	<b>21</b>	<b>17</b>	<b>15</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>42</b> <b>.1</b> <b>1</b>	<b>40</b>	<b>45</b> <b>.9</b> <b>5</b>	<b>58</b> <b>.3</b> <b>3</b>	<b>42</b> <b>.5</b>	<b>41</b> <b>.6</b> <b>7</b>				<b>57.14</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b> <b>45</b>	<b>2.</b> <b>54</b>	<b>2.</b> <b>54</b>	<b>2.</b> <b>63</b>	<b>2.</b> <b>5</b>	<b>2.</b> <b>66</b>				
<b>Total CO Attainment</b>		<b>1.</b> <b>15</b>	<b>1.</b> <b>15</b>	<b>1.</b> <b>15</b>	<b>1.</b> <b>16</b>	<b>1.</b> <b>15</b>	<b>2.</b> <b>93</b>				
<b>Average CO Attainment</b>											<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>3</b>
<b>Level 2</b>	<b>15</b>	<b>14</b>	<b>16</b>	<b>19</b>	<b>16</b>	<b>13</b>
<b>Level 3</b>	<b>33</b>	<b>36</b>	<b>35</b>	<b>36</b>	<b>34</b>	<b>40</b>

Total no. of students participated	56	56	56	56	56	56
CO Attainment Level	2.45	2.54	2.54	2.63	2.5	2.66

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	3	1	2	1	2	3	1	3
CO2	2	1		1		3	1	3	3	1	3	2
CO3	2	2	3	2	3	2	3	3	1		2	2
CO4	1	1	1	3	3	2	2			2	1	
CO5	3		2	1	1	1	3	2	1	1	1	3
CO6		1	3	2	2	2		3	3	2	2	2
Average PO Attainment	2.2	1.4	2.2	2	2.4	1.83	2.2	2.4	2	1.8	1.67	2.4
PO's Attainment at Course Level	1.06	0.68	1.06	0.97	1.16	0.88	1.06	1.16	0.97	0.87	0.81	1.16

Computation of CO Direct Attainment							
Course :DM							
Class: MBA II Sem.-IV      A.Y. 2020-21      Course Code:							
Internal Assessment							External Assessment
Sr. No.		Test-I (10)	Test -II (10)	Seminar	Assignment	Total	Marks

	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	5 0	50
	Seat No	C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ68201	4		5	5		4	20	10	4 9	50
2	VZ68202		5	5	3	5		20	10	4 9	48
3	VZ68203		4	5	5	4		20	10	4 9	50
4	VZ68204		5	5	3	5		20	10	4 7	50
5	VZ68205		4	5	5	4		20	10	4 9	50
6	VZ68206		5	4	5	5		20	10	4 9	50
7	VZ68207	5		5	3		2	20	10	4 5	50
8	VZ68208	5		4	5		4	20	10	4 8	40
9	VZ68209	5		5		3	2	20	10	4 5	43
10	VZ68210	5	5			3	2	20	10	4 5	50
11	VZ68211	2	3			4	2	20	10	4 1	48
12	VZ68212	5	4			5	4	20	10	4 8	50
13	VZ68213	5	5			3	2	20	10	4 5	50
14	VZ68214	5	4		5		5	20	10	4 9	50
15	VZ68215	5	5		5		5	20	10	5 0	49
16	VZ68216	5		5	3	2		20	10	4 5	49
17	VZ68217	3		3	4	2		20	10	4 2	34
18	VZ68218	3		3	4	2		20	10	4 2	50
19	VZ68219	5		5	3	2		20	10	4 5	50
20	VZ68220	5		5	3	2		20	10	4 5	48
21	VZ68221		4	5	5		4	20	10	4 7	50
22	VZ68222		4	5	5		4	20	10	4 7	50
23	VZ68223		5	4		5	5	20	10	4 9	50

24	VZ68224		3	3		4	2	20	10	4 2	50
25	VZ68225		5	4		5	5	20	10	4 9	50
26	VZ68226		3	3		4	2	20	10	4 2	50
27	VZ68227	5		4		5	5	20	10	4 9	50
28	VZ68228	4		5	5		4	20	10	4 7	46
29	VZ68229	5		5	3	2		20	10	4 5	49
30	VZ68230	5	5		3	2		20	10	4 5	49
31	VZ68231	4	5		5	4		20	10	4 7	50
32	VZ68232	4	5		5	4		20	10	4 7	50
33	VZ68233	5	5		3	2		20	10	4 5	50
34	VZ68234	5	5		3		2	20	10	4 5	41
35	VZ68235	5		5	3		2	20	10	4 5	50
36	VZ68236	5		4	5		5	20	10	4 9	50
37	VZ68237	3		3		4	2	20	10	4 2	50
38	VZ68238		5	5		3	2	20	10	4 5	50
39	VZ68239		3	3		4	4	20	10	4 2	50
40	VZ68240		5	5		3	2	20	10	4 5	50
41	VZ68241		3	3	4		4	20	10	4 2	45
42	VZ68242		5	4	5		5	20	10	4 9	50
43	VZ68243		3	3	4	2		20	10	4 2	50
44	VZ68244	3		3	4	2		20	10	4 2	50
45	VZ68245	4		5	5	4		20	10	4 7	50
46	VZ68246	5		5	3	2		20	10	4 5	50
47	VZ68247	3		3	4	2		20	10	4 2	50
48	VZ68248	4	5		5		4	20	10	4 7	48



49	VZ68249	4	5		5		4	20	10	4 7	50
50	VZ68250	3	3		4		2	20	10	4 2	50
51	VZ68251	5	4			5	5	20	10	4 9	50
52	VZ68252	3	3			4	4	20	10	4 2	38
53	VZ68253	3		3		4	4	20	10	4 2	50
54	VZ68254	3		3		4	4	20	10	4 2	50
55	VZ68255		4	5		5	4	20	10	4 7	41
56	VZ68256		4	5	5		4	20	10	4 7	46
<b>No. of Students Attempted</b>		<b>37</b>	<b>35</b>	<b>40</b>	<b>37</b>	<b>39</b>	<b>36</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>22</b>	<b>21</b>	<b>23</b>	<b>20</b>	<b>16</b>	<b>15</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>59 .4 6</b>	<b>60</b>	<b>57 .5</b>	<b>54 .0 5</b>	<b>41 .0 3</b>	<b>41 .6 7</b>				<b>58.93</b>
<b>Attainment Level</b>		<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1. 2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 52</b>	<b>2. 5</b>	<b>2. 66</b>	<b>2. 54</b>	<b>2. 59</b>	<b>2. 45</b>				
<b>Total CO Attainment</b>		<b>1. 15</b>	<b>1. 33</b>	<b>1. 17</b>	<b>1. 15</b>	<b>1. 16</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>1.48</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>9</b>
<b>Level 2</b>	<b>13</b>	<b>16</b>	<b>13</b>	<b>16</b>	<b>15</b>	<b>13</b>

<b>Level 3</b>	<b>36</b>	<b>34</b>	<b>40</b>	<b>35</b>	<b>37</b>	<b>34</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.52</b>	<b>2.5</b>	<b>2.66</b>	<b>2.54</b>	<b>2.59</b>	<b>2.45</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	2	2	3	3	1	1	1	2	3	1	3
CO2	1	1		1		3	1	2	3	1	3	2
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	3	1	3	3		1			2	2	2
CO5	2		3	1	1	1	3	2	1	1	1	3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>2</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>2.4</b>	<b>1.83</b>	<b>1.8</b>	<b>2.4</b>
<b>PO's Attainment at Course Level</b>	<b>0.89</b>	<b>0.89</b>	<b>1.09</b>	<b>0.99</b>	<b>1.09</b>	<b>0.89</b>	<b>0.89</b>	<b>1.09</b>	<b>1.18</b>	<b>0.9</b>	<b>0.89</b>	<b>1.18</b>

<b>Computation of CO Direct Attainment</b>	
Course :EL5	
Class: MBA II Sem.-IV      A.Y. 2020-21      Course Code:	
Internal Assessment	External Assessment

Sr. No.		Test-I (10)			Test -II (10)			Se min ar	Assig nmen t	T ot al	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)				
		C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ68201	4	5		5		4	20	10	48	50
2	VZ68202	5	5			3	5	20	10	48	41
3	VZ68203		5	4		5	4	20	10	49	50
4	VZ68204		5	5		3	5	20	10	45	48
5	VZ68205	4	5			5	4	20	10	49	49
6	VZ68206	4		5	5		4	20	10	49	50
7	VZ68207		5	5	3		5	20	10	45	50
8	VZ68208		4	5	5	4		20	10	48	43
9	VZ68209		5	5	3	2		20	10	45	31
10	VZ68210		5	5	3	5		20	10	45	39
11	VZ68211		5	5	3	5		20	10	47	45
12	VZ68212	5		5	3	5		20	10	47	50
13	VZ68213	5		5	3		5	20	10	45	45
14	VZ68214	4	5		5		4	20	10	48	50
15	VZ68215	4	5			5	4	20	10	49	45
16	VZ68216	5	5			3	5	20	10	45	50
17	VZ68217	3	3			4	2	20	10	42	39
18	VZ68218	3		3		4	2	20	10	42	50
19	VZ68219	5		5		3	5	20	10	45	49
20	VZ68220		3	3	4		2	20	10	42	38
21	VZ68221		5	5	3	5		20	10	47	50
22	VZ68222		5	5	3	5		20	10	47	50

23	VZ68223		4	5	5	4		20	10	4 9	45
24	VZ68224		3	3	4	2		20	10	4 2	46
25	VZ68225	4		5	5		4	20	10	4 9	48
26	VZ68226	3	3		4		2	20	10	4 2	48
27	VZ68227	0	0			3	5	20	10	3 7	50
28	VZ68228	5	5			3	5	20	10	4 7	50
29	VZ68229	5	5			3	5	20	10	4 5	45
30	VZ68230	5	5			3	5	20	10	4 5	44
31	VZ68231	5		5		3	5	20	10	4 7	50
32	VZ68232	5	5		3		5	20	10	4 5	50
33	VZ68233	5		5	3	5		20	10	4 5	45
34	VZ68234		5	5	3	5		20	10	4 7	25
35	VZ68235		5	5	3	5		20	10	4 7	35
36	VZ68236		4	5	5	4		20	10	4 9	50
37	VZ68237		1	2	3	4		20	10	4 0	48
38	VZ68238		5	5	3		5	20	10	4 5	50
39	VZ68239		3	3	4		2	20	10	4 2	46
40	VZ68240	5		5		3	5	20	10	4 5	50
41	VZ68241	1		2		3	4	20	10	4 0	48
42	VZ68242	4	5			5	4	20	10	4 9	50
43	VZ68243	3	3			4	2	20	10	4 2	49
44	VZ68244	3	3			4	2	20	10	4 2	50
45	VZ68245	4	5		5		4	20	10	4 9	50
46	VZ68246	5	5		3		5	20	10	4 5	50
47	VZ68247	1		2	3	4		20	10	4 0	45

48	VZ68248	5		5	3	5		20	10	4 5	46
49	VZ68249		5	5	3	5		20	10	4 5	45
50	VZ68250		1	2	3	4		20	10	4 0	47
51	VZ68251		3	3	4		2	20	10	4 2	50
52	VZ68252		3	3		4	2	20	10	4 2	36
53	VZ68253		3	3		4	2	20	10	4 2	50
54	VZ68254	3		3		2	4	20	10	4 2	50
55	VZ68255	4		5	5		4	20	10	4 9	50
56	VZ68256	4		5	5		4	20	10	4 9	50
<b>No. of Students Attempted</b>		<b>33</b>	<b>41</b>	<b>38</b>	<b>34</b>	<b>40</b>	<b>38</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>18</b>	<b>20</b>	<b>18</b>	<b>20</b>	<b>21</b>	<b>16</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>54 .5 5</b>	<b>48 .7 8</b>	<b>47 .3 7</b>	<b>58 .8 2</b>	<b>52 .5</b>	<b>42 .1 1</b>				<b>58.93</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 5</b>	<b>2. 5</b>	<b>2. 66</b>	<b>2. 54</b>	<b>2. 54</b>	<b>2. 59</b>				
<b>Total CO Attainment</b>		<b>1. 15</b>	<b>1. 15</b>	<b>1. 17</b>	<b>1. 15</b>	<b>1. 15</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>4</b>
<b>Level 2</b>	<b>12</b>	<b>16</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>15</b>

<b>Level 3</b>	<b>36</b>	<b>34</b>	<b>40</b>	<b>36</b>	<b>35</b>	<b>37</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.5</b>	<b>2.5</b>	<b>2.66</b>	<b>2.54</b>	<b>2.54</b>	<b>2.59</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2		1	2	3	3	3	2	1	2	3	2
CO2	1	1	3	1	1	1	1	2	3		1	2
CO3	2	2	2	2	2	2				1		
CO4	1	1					1		2	2	1	2
CO5	2	3	3	1	1	1	3	2	3		2	3
CO6		1	1			3		1	2	1	2	1
<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.6</b>	<b>2</b>	<b>1.5</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.75</b>	<b>2.2</b>	<b>1.5</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.77</b>	<b>0.77</b>	<b>0.97</b>	<b>0.73</b>	<b>0.85</b>	<b>0.97</b>	<b>0.97</b>	<b>0.85</b>	<b>1.06</b>	<b>0.73</b>	<b>0.87</b>	<b>0.97</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course :EL6</b>	
<b>Class: MBA II Sem.-IV      A.Y. 2020-21      Couse Code:</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr. No.		Test-I (10)			Test -II (10)			Se min ar	Assig nmen t	T ot al	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)				
		C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ68201		4	5	5	4		20	10	48	41
2	VZ68202		5	5	3		5	20	10	48	45
3	VZ68203		4	5		5	4	20	10	49	50
4	VZ68204		5	1		3	5	20	10	44	44
5	VZ68205		4	5		5	4	20	10	48	48
6	VZ68206	5		5		5	5	20	10	50	50
7	VZ68207	5		5	3		2	20	10	45	43
8	VZ68208	2	2		3		4	20	10	41	41
9	VZ68209	5	5		3	2		20	10	45	38
10	VZ68210	3	3		4	2		20	10	42	44
11	VZ68211	5	5		3	5		20	10	47	50
12	VZ68212	4	5		5	4		20	10	48	50
13	VZ68213	5		5	3		2	20	10	45	50
14	VZ68214	4		5	5		4	20	10	48	48
15	VZ68215		4	5		5	4	20	10	49	50
16	VZ68216		5	5		3	5	20	10	47	49
17	VZ68217		3	3		4	2	20	10	42	40
18	VZ68218		3	3		4	2	20	10	42	46
19	VZ68219		5	5	3		2	20	10	45	45
20	VZ68220	3		3	4		2	20	10	42	46
21	VZ68221	5		5	3	5		20	10	47	50
22	VZ68222	5	5		3	5		20	10	47	46

23	VZ68223	4	5		5	4		20	10	4 9	50
24	VZ68224	3	3		4	2		20	10	4 2	39
25	VZ68225	4	5		5		4	20	10	4 9	45
26	VZ68226	3	3		4		2	20	10	4 2	45
27	VZ68227	4		5		5	4	20	10	4 9	50
28	VZ68228	5		5		3	5	20	10	4 7	48
29	VZ68229		5	5		3	2	20	10	4 5	48
30	VZ68230		1	2		3	4	20	10	4 0	46
31	VZ68231		4	5		5	4	20	10	4 8	50
32	VZ68232		4	5	5		4	20	10	4 9	50
33	VZ68233		1	2	3	4		20	10	4 0	50
34	VZ68234	1		2	3	4		20	10	4 0	33
35	VZ68235	4		5	5	4		20	10	4 9	49
36	VZ68236	4	5		5	4		20	10	4 9	50
37	VZ68237	1	2		3	4		20	10	4 0	40
38	VZ68238	5	5		3		2	20	10	4 5	41
39	VZ68239	3	3			4	2	20	10	4 2	49
40	VZ68240	2	3			3	4	20	10	4 1	50
41	VZ68241	3		3		3	4	20	10	4 1	44
42	VZ68242	3		3		3	4	20	10	4 0	49
43	VZ68243		2	3	3		4	20	10	4 1	44
44	VZ68244		3	2	3		4	20	10	4 1	50
45	VZ68245		3	3	4	2		20	10	4 2	48
46	VZ68246		3	3	4	2		20	10	4 2	49
47	VZ68247		2	3	3	4		20	10	4 1	30



48	VZ68248	1		2	3	4		20	10	4 0	33
49	VZ68249	3		3	4		2	20	10	4 2	42
50	VZ68250	2	3		3		4	20	10	4 1	41
51	VZ68251	3	3			3	4	20	10	4 1	41
52	VZ68252	3	3			3	4	20	10	4 0	36
53	VZ68253	1	2			3	4	20	10	4 0	50
54	VZ68254	2		3		3	4	20	10	4 1	39
55	VZ68255	1		3	3		4	20	10	4 0	28
56	VZ68256		1	2	3		4	20	10	4 0	26
<b>No. of Students Attempted</b>		<b>35</b>	<b>40</b>	<b>37</b>	<b>35</b>	<b>39</b>	<b>38</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>16</b>	<b>15</b>	<b>20</b>	<b>20</b>	<b>18</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>40</b>	<b>40</b>	<b>40</b>	<b>57</b>	<b>51</b>	<b>47</b>				<b>58.93</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>	<b>2.</b>				
		<b>48</b>	<b>5</b>	<b>66</b>	<b>54</b>	<b>59</b>	<b>54</b>				
<b>Total CO Attainment</b>		<b>1.</b>	<b>1.</b>	<b>1.</b>	<b>1.</b>	<b>1.</b>	<b>2.</b>				
		<b>15</b>	<b>15</b>	<b>17</b>	<b>15</b>	<b>16</b>	<b>93</b>				
<b>Average CO Attainment</b>											<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>6</b>
<b>Level 2</b>	<b>11</b>	<b>16</b>	<b>13</b>	<b>16</b>	<b>15</b>	<b>14</b>

<b>Level 3</b>	<b>36</b>	<b>34</b>	<b>40</b>	<b>35</b>	<b>37</b>	<b>36</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.48</b>	<b>2.5</b>	<b>2.66</b>	<b>2.54</b>	<b>2.59</b>	<b>2.54</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1		2	1	2	3		2	1	2	3	1	3
CO2	1	1		1		3	1	2	3		3	2
CO3	2	2	3	2	2	2	3	3	3	2		
CO4	1	1	2	2	2		1			2	2	1
CO5	2		3	1	1	1	3	2	1	1	3	3
CO6		1	1		3	3		1	2	2	2	2
<b>Average PO Attainment</b>	<b>1.5</b>	<b>1.4</b>	<b>2</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>2</b>	<b>2.2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>0.73</b>	<b>0.68</b>	<b>0.97</b>	<b>0.77</b>	<b>1.06</b>	<b>1.09</b>	<b>0.97</b>	<b>0.87</b>	<b>1.06</b>	<b>0.97</b>	<b>1.06</b>	<b>1.06</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course :EL7</b>	
<b>Class: MBA II Sem.-IV      A.Y. 2020-21      Course Code:</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr. No.		Test-I (10)			Test -II (10)			Se min ar	Assig nmen t	T ot al	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)				
		C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ68201		4	5		5	4	20	10	48	50
2	VZ68202		5	5		3	5	20	10	48	48
3	VZ68203		4	5	5		5	20	10	49	50
4	VZ68204		5	5	0		5	20	10	45	43
5	VZ68205	4		5	5	5		20	10	49	50
6	VZ68206	4		5	5	3		20	10	47	49
7	VZ68207	5	5		0	5		20	10	45	50
8	VZ68208	4	5		5	3		20	10	47	41
9	VZ68209	5	5		0		5	20	10	45	48
10	VZ68210	5	5			0	5	20	10	45	49
11	VZ68211	4		5		5	3	20	10	47	50
12	VZ68212		4	5		5	5	20	10	49	50
13	VZ68213		5	5		0	5	20	10	45	50
14	VZ68214		4	5		5	5	20	10	49	48
15	VZ68215		4	5	5		5	20	10	49	50
16	VZ68216		4	5	5		3	20	10	47	50
17	VZ68217	5		5	0	5		20	10	45	46
18	VZ68218	5		5	0	5		20	10	45	50
19	VZ68219	5	5		0	5		20	10	45	50
20	VZ68220	5	5		0	5		20	10	45	48
21	VZ68221	4	5		5		3	20	10	47	50
22	VZ68222	4	5		5		3	20	10	47	50

23	VZ68223	4	5			5	5	20	10	4 9	50
24	VZ68224	5		3		1	3	20	10	4 2	50
25	VZ68225		4	5		5	5	20	10	4 9	48
26	VZ68226		5	3		1	3	20	10	4 2	50
27	VZ68227		4	5	5		5	20	10	4 9	50
28	VZ68228		4	5	5		3	20	10	4 7	50
29	VZ68229		5	5	0	5		20	10	4 5	48
30	VZ68230	4		2	2	2		20	10	4 0	41
31	VZ68231	4		5	5	5		20	10	4 9	50
32	VZ68232	4	5		5	5		20	10	4 9	50
33	VZ68233	4	2		2	3		20	10	4 0	48
34	VZ68234	4	2		2		2	20	10	4 0	38
35	VZ68235	4	5		5		5	20	10	4 9	41
36	VZ68236	4	5			5	5	20	10	4 9	48
37	VZ68237	4		2		2	2	20	10	4 0	49
38	VZ68238	4		2		3	2	20	10	4 0	46
39	VZ68239		2	2		2	4	20	10	4 0	50
40	VZ68240		4	2	2		2	20	10	4 0	50
41	VZ68241		4	3	3		3	20	10	4 0	50
42	VZ68242		4	3	3	3		20	10	4 0	50
43	VZ68243	2		4	3	3		20	10	4 0	50
44	VZ68244	4		2	2	3		20	10	4 0	33
45	VZ68245	2	2		4	3		20	10	4 0	50
46	VZ68246	4	3		3		2	20	10	4 0	50
47	VZ68247	2	3		3		4	20	10	4 0	46

48	VZ68248	4	2				3	20	10	40	41
49	VZ68249	2	4			3	3	20	10	40	50
50	VZ68250	4		2		3	3	20	10	40	49
51	VZ68251	2		3		4	3	20	10	40	50
52	VZ68252		4	3		2	2	20	10	40	41
53	VZ68253		2	3	3		4	20	10	40	44
54	VZ68254		4	3	3	3		20	10	40	50
55	VZ68255		4	3	3	2		20	10	40	38
56	VZ68256	2		2	3	4		20	10	40	43
<b>No. of Students Attempted</b>		<b>34</b>	<b>41</b>	<b>37</b>	<b>36</b>	<b>39</b>	<b>36</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>15</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>41.8</b>	<b>41.6</b>	<b>40.4</b>	<b>41.7</b>	<b>41.3</b>	<b>41.7</b>				<b>58.93</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2.46</b>	<b>2.54</b>	<b>2.54</b>	<b>2.63</b>	<b>2.5</b>	<b>2.66</b>				
<b>Total CO Attainment</b>		<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.16</b>	<b>1.15</b>	<b>2.93</b>				
<b>Average CO Attainment</b>											<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>3</b>
<b>Level 2</b>	<b>16</b>	<b>14</b>	<b>16</b>	<b>19</b>	<b>16</b>	<b>13</b>

<b>Level 3</b>	<b>33</b>	<b>36</b>	<b>35</b>	<b>36</b>	<b>34</b>	<b>40</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.46</b>	<b>2.54</b>	<b>2.54</b>	<b>2.63</b>	<b>2.5</b>	<b>2.66</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	1	1	2		3	1	3		1	3	2	1
CO2	3	2	3	2		2	2	2	2			
CO3		1	1		1		2		3	2	1	2
CO4	2	2		1	2	1	1	2		1	3	
CO5	2			2	3			2	1	2	2	3
CO6		3	2	3		2		3			1	2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>1.5</b>	<b>2</b>	<b>2.25</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.97</b>	<b>0.87</b>	<b>0.97</b>	<b>0.97</b>	<b>1.09</b>	<b>0.73</b>	<b>0.97</b>	<b>1.09</b>	<b>0.85</b>	<b>0.97</b>	<b>0.87</b>	<b>0.97</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course :PROJ</b>	
<b>Class: MBA II Sem.-IV      A.Y. 2020-21      Couse Code:</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr. No.		Test-I (10)			Test -II (10)			Se min ar	Assig nmen t	T ot al	Marks	
		MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)					Q 3( 5)
		Seat No	C O 1	C O 2	C O 3	C O 4	C O 5					C O 6
1	VZ68201		4	2		2	2	20	10	4 0	41	
2	VZ68202		4	5		5	4	20	10	4 8	47	
3	VZ68203		4	5		5	4	20	10	4 8	47	
4	VZ68204		5	3	1		3	20	10	4 2	42	
5	VZ68205	4		5	5		4	20	10	4 8	47	
6	VZ68206	5	3		4	3		20	10	4 5	45	
7	VZ68207	3	2		3	0		20	10	3 8	38	
8	VZ68208	4	5		5	2		20	10	4 6	46	
9	VZ68209	3	2		0	0		20	10	3 5	35	
10	VZ68210	3		2	5	0		20	10	4 0	40	
11	VZ68211	3		2	0		3	20	10	3 5	35	
12	VZ68212		3	2	5		5	20	10	4 5	45	
13	VZ68213		3	2		0	0	20	10	3 5	35	
14	VZ68214		3	2		5	0	20	10	4 0	40	
15	VZ68215		4	5		5	4	20	10	4 8	48	
16	VZ68216	4		2		3	4	20	10	4 3	43	
17	VZ68217	3		2		5	0	20	10	4 0	40	
18	VZ68218	3	2		5		0	20	10	4 0	40	
19	VZ68219	2	2		2	2		10	10	2 8	28	
20	VZ68220	4	2		4	3		20	10	4 3	43	
21	VZ68221	3	2		5	0		20	10	4 0	40	

22	VZ68222	3		2	5	0		20	10	4 0	40
23	VZ68223	4		5	5		4	20	10	4 8	47
24	VZ68224		3	0	2		0	20	10	3 5	35
25	VZ68225		4	5		4	5	20	10	4 8	47
26	VZ68226		2	3		2	3	10	10	3 0	30
27	VZ68227		4	5		4	5	20	10	4 8	47
28	VZ68228	3		2		5	5	20	10	4 5	45
29	VZ68229	3	2		5		0	20	10	4 0	40
30	VZ68230	4	2	3	4		4	20	10	4 4	44
31	VZ68231	3	2		5	5		20	10	4 5	45
32	VZ68232	3	2		5	5		20	10	4 5	43
33	VZ68233	4		2	4	2		20	10	4 2	42
34	VZ68234	4		3	4	4		20	10	4 4	44
35	VZ68235		4	2	4		3	20	10	4 3	43
36	VZ68236		4	5	5		4	20	10	4 8	48
37	VZ68237		2	1		1	1	20	10	3 5	35
38	VZ68238		4	2		4	4	20	10	4 4	44
39	VZ68239	2		3		0	5	20	10	4 0	40
40	VZ68240	0		3		0	0	20	10	3 0	30
41	VZ68241	3	2	3	5		0	20	10	4 0	40
42	VZ68242	2	3	2	5		5	20	10	4 5	45
43	VZ68243	2	3	3	5	0		20	10	4 0	40
44	VZ68244	2	3		2	3		10	10	3 0	30
45	VZ68245	3		3	5	5		20	10	4 6	46
46	VZ68246	2		3	2	3		10	10	3 0	30



47	VZ68247		5	3	5		5	6	6	3 2	32
48	VZ68248		3	2		5	5	20	10	4 5	45
49	VZ68249		3	2		5	0	20	10	4 0	40
50	VZ68250		5	3		1	3	20	10	4 2	42
51	VZ68251	3		2		5	0	20	10	4 0	40
52	VZ68252	5		5	5		5	4	4	2 8	28
53	VZ68253	5	5		5	5		4	4	2 8	28
54	VZ68254	5	5	3	5	5		10	8	3 8	38
55	VZ68255	3	5		1	3		20	10	4 2	42
56	VZ68256	5		3	1	3		20	10	4 2	42
<b>No. of Students Attempted</b>		<b>36</b>	<b>39</b>	<b>42</b>	<b>36</b>	<b>41</b>	<b>35</b>	<b>56</b>	<b>56</b>	<b>5 6</b>	<b>56</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>15</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>17</b>	<b>14</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>41 .6 7</b>	<b>41 .0 3</b>	<b>40 .4 8</b>	<b>44 .4 4</b>	<b>41 .4 6</b>	<b>40</b>				<b>58.93</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 55</b>	<b>2. 5</b>	<b>2. 66</b>	<b>2. 54</b>	<b>2. 54</b>	<b>2. 59</b>				
<b>Total CO Attainment</b>		<b>1. 16</b>	<b>1. 15</b>	<b>1. 17</b>	<b>1. 15</b>	<b>1. 15</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>4</b>

<b>Level 2</b>	<b>15</b>	<b>16</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>15</b>
<b>Level 3</b>	<b>36</b>	<b>34</b>	<b>40</b>	<b>36</b>	<b>35</b>	<b>37</b>
<b>Total no. of students participated</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>CO Attainment Level</b>	<b>2.55</b>	<b>2.5</b>	<b>2.66</b>	<b>2.54</b>	<b>2.54</b>	<b>2.59</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	2	1	1	2	1	3	2		3	2	3	2
CO2	3	3	3	2		2	1	3	2			
CO3		1	3		2	2	2		1	3	2	1
CO4	2	2	1	3	2	1	1	2	2	2	1	
CO5	2			1	3			1	1	1	1	1
CO6		3	2		1	1	3	2			2	3
<b>Average PO Attainment</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>1.09</b>	<b>0.97</b>	<b>0.97</b>	<b>0.97</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.97</b>	<b>0.87</b>	<b>0.97</b>	<b>0.87</b>	<b>0.85</b>

Computation of CO Direct Attainment											
Course :BPSM											
Class: MBA II Sem.-III      A.Y. 2021-22      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ96101	2	4			4	2	20	10	42	44
2	VZ96102	4		4		4	2	18	10	42	50
3	VZ96103	2		2		3	5	10	10	32	46
4	VZ96104	1		2		5	5	20	10	43	33
5	VZ96105	2	2			2	2	20	10	28	50
6	VZ96106	5	2		3		5	10	10	35	45
7	VZ96107	5		5	2	3		10	10	35	31
8	VZ96108	5		5	4	5		20	10	49	48
9	VZ96109		3	2	2	5		10	10	32	39
10	VZ96110		2	3	5	5		10	10	35	48
11	VZ96111		5	5	2	3		10	10	32	48
12	VZ96112		0	2	0	3		20	10	35	50
13	VZ96113		2	3	2	3		20	10	40	45
14	VZ96114	4		4	4		2	20	10	42	50
15	VZ96115	2		2	5		5	20	10	44	50
16	VZ96116	5	5			2	2	20	10	44	50

17	VZ96117	0	5			2	3	15	10	3 5	48
18	VZ96118	3	4			5	2	8	10	3 2	40
19	VZ96119	0	2			0	0	20	10	3 2	33
20	VZ96120	2	2			5	3	20	10	4 3	50
21	VZ96121	3		2		5	5	20	10	4 5	50
22	VZ96122	2		2		5	5	0	10	2 9	50
23	VZ96123		5	0	5		5	20	10	4 5	50
24	VZ96124		5	5	4	5		20	10	4 9	50
25	VZ96125		4	3	3	2		15	10	3 7	48
26	VZ96126		2	0	3	0		20	10	3 5	43
27	VZ96127		2	4	4	2		20	10	4 2	46
28	VZ96128	4		4	4	2		19	9	4 2	48
29	VZ96129	4		2	2	2		10	8	2 8	28
30	VZ96130	0	4		2	2		10	10	2 8	50
31	VZ96131	2	0		2		3	18	10	3 5	46
32	VZ96132	1	2		3		4	10	10	3 0	48
33	VZ96133	4	1			2	3	20	10	3 0	50
34	VZ96134	5	2			3	5	10	10	3 5	48
35	VZ96135	5	5			4	5	20	10	4 9	50
36	VZ96136	5		5		4	5	20	10	4 9	50
37	VZ96137	3		3		3	2	20	10	4 0	50
38	VZ96138		5	2		3	5	10	10	3 5	50
39	VZ96139		5	5		5	5	20	10	4 5	50
40	VZ96140		5	2		3	5	20	10	4 5	50
41	VZ96141		4	4	2		3	20	10	3 0	45



<b>CO Attainment Level</b>	<b>2.3</b>	<b>2.36</b>	<b>2.39</b>	<b>2.5</b>	<b>2.41</b>	<b>2.43</b>
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<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1			2	2	1	2	2	3	2	3	1	3
CO2	1	1	1		2	1	2	2		1		
CO3		2		1	3	2	3	3	1	3	2	1
CO4	2		2	2		3			3		1	2
CO5	1	1	2	1		2	3	2		2	1	3
CO6		2	3	1	2	1	3		2	2	2	
<b>Average PO Attainment</b>	<b>1.33</b>	<b>1.5</b>	<b>2</b>	<b>1.4</b>	<b>2</b>	<b>1.83</b>	<b>2.6</b>	<b>2.5</b>	<b>2</b>	<b>2.2</b>	<b>1.4</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>0.9</b>	<b>1.02</b>	<b>1.36</b>	<b>0.95</b>	<b>1.36</b>	<b>1.24</b>	<b>1.77</b>	<b>1.7</b>	<b>1.36</b>	<b>1.5</b>	<b>0.95</b>	<b>1.53</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :ED</b>												
<b>Class: MBA II Sem.-III      A.Y. 2021-22      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>	<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Se min ar</b>	<b>Assig nmen t</b>	<b>T ot al</b>	<b>Marks</b>		
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50		

	Seat No	C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ96101	5		5		4	5	18	10	4 7	44
2	VZ96102	2		4		4	2	20	10	4 2	50
3	VZ96103	1		1		2	3	15	10	3 2	46
4	VZ96104	5	2			3	4	20	10	4 4	39
5	VZ96105	5	2		3		5	20	10	4 5	50
6	VZ96106	5	2		3	4		20	10	4 4	40
7	VZ96107	5	2		3	5		20	10	4 5	26
8	VZ96108	5	5		4	5		20	10	4 9	50
9	VZ96109	5	2		3	5		20	10	4 5	31
10	VZ96110	5		2	3	4		20	10	4 4	45
11	VZ96111	5		2	3	5		20	10	4 5	50
12	VZ96112		5	2	3	4		20	10	4 4	46
13	VZ96113		5	2	3	5		20	10	4 5	40
14	VZ96114		5	2	3		4	20	10	4 4	39
15	VZ96115		5	5	4		5	20	10	4 9	50
16	VZ96116		5	5		4	5	20	10	4 9	50
17	VZ96117		5	2		3	5	20	10	4 5	43
18	VZ96118		5	2		3	4	20	10	4 4	35
19	VZ96119	5		2		3	5	20	10	4 5	30
20	VZ96120	5		2		3	4	20	10	4 4	50
21	VZ96121	5	2			3	5	20	10	4 5	50
22	VZ96122	5	2			3	4	20	10	4 4	50
23	VZ96123	4	5			4	5	20	10	4 8	50
24	VZ96124	5	2		3		4	20	10	4 4	50

25	VZ96125	5	2		3	5		20	10	4 5	40
26	VZ96126	5	2		3	4		20	10	4 4	33
27	VZ96127	5	2		3	5		20	10	4 5	33
28	VZ96128	5		2	3	5		19	10	4 4	43
29	VZ96129	4		1	2	3		20	10	3 0	23
30	VZ96130		5	5	3	2		20	10	4 5	45
31	VZ96131		5	4	3	2		20	10	4 4	38
32	VZ96132		5	5	3		2	20	10	4 5	43
33	VZ96133		5	4	3		2	20	10	4 4	46
34	VZ96134		5	5		3	2	20	10	4 5	41
35	VZ96135		5	5		4	5	20	10	4 9	50
36	VZ96136	5		5		4	5	20	10	4 9	50
37	VZ96137	5		5		3	2	20	10	4 5	49
38	VZ96138	5	2			3	5	20	10	4 5	34
39	VZ96139	5	2			3	4	20	10	4 4	50
40	VZ96140	5	5			4	5	20	10	4 9	49
41	VZ96141	5	2		3		4	20	10	4 4	31
42	VZ96142	5	2		3		5	20	10	4 5	45
43	VZ96143	5	5		4		5	18	10	4 7	44
44	VZ96144	5		4	3		2	20	10	4 4	43
<b>No. of Students Attempted</b>		<b>31</b>	<b>32</b>	<b>25</b>	<b>25</b>	<b>34</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>44</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>20</b>	<b>16</b>	<b>11</b>	<b>17</b>	<b>22</b>	<b>19</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>32</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>64 .5 2</b>	<b>50</b>	<b>44</b>	<b>68</b>	<b>64 .7 1</b>	<b>65 .5 2</b>				<b>72.73</b>



<b>Attainment Level</b>	2	1	1	2	2	2				2
<b>Direct CO Attainment</b>	2	1.8	1.8	2	2	2				
<b>Indirect CO Attainment Level</b>	2.36	2.39	1.73	2.55	2.48	2.52				
<b>Total CO Attainment</b>	2.04	1.86	1.79	2.06	2.05	2.93				
<b>Average CO Attainment</b>										2.12

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	8	8	8	4	5	6
<b>Level 2</b>	12	11	10	12	13	9
<b>Level 3</b>	24	25	16	28	26	29
<b>Total no. of students participated</b>	44	44	44	44	44	44
<b>CO Attainment Level</b>	2.36	2.39	1.73	2.55	2.48	2.52

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	1		2	2	2	1	2	3	3	3	
CO2	2	2	2	1	1		2		1			2
CO3	1	1		2		1		1		2	1	3
CO4			2		2	2	1	2		1	2	2
CO5	2	1		2	1		2	3	2		2	2

CO6	2	2	3		2	3	1	1		1		2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.4</b>	<b>2.33</b>	<b>1.75</b>	<b>1.6</b>	<b>2</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>1.41</b>	<b>0.99</b>	<b>1.65</b>	<b>1.24</b>	<b>1.13</b>	<b>1.41</b>	<b>0.99</b>	<b>1.27</b>	<b>1.41</b>	<b>1.24</b>	<b>1.41</b>	<b>1.55</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :IBM</b>												
<b>Class: MBA II Sem.-III      A.Y. 2021-22      Couse Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
<b>Sr. No.</b>		<b>Test-I (10)</b>			<b>Test-II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ96101		2	3	2		3	20	10	40	43	
2	VZ96102		4	5	4		5	20	10	48	45	
3	VZ96103		5	2	3	5		20	10	45	40	
4	VZ96104		4	5	4	5		20	10	48	44	
5	VZ96105		2	3	2	3		20	10	40	44	
6	VZ96106	2		3	2	3		20	10	40	43	
7	VZ96107	2	3		2	3		20	10	40	35	
8	VZ96108	5	5		4	5		20	10	49	50	
9	VZ96109	2	3		2	3		20	10	40	41	

10	VZ96110	2	3		3	3		20	10	4 0	48
11	VZ96111	4	5		4		5	20	10	4 8	39
12	VZ96112	2		3	3		2	20	10	4 0	38
13	VZ96113	2		3		2	3	20	10	4 0	48
14	VZ96114		2	3		2	3	20	10	4 0	50
15	VZ96115		2	3		2	3	20	10	4 0	49
16	VZ96116		4	5		4	5	20	10	4 8	44
17	VZ96117		2	3		2	3	20	10	4 0	44
18	VZ96118		2	3		2	3	20	10	4 0	40
19	VZ96119		2	3		2	3	20	10	4 0	36
20	VZ96120	2		3		2	3	20	10	4 0	50
21	VZ96121	2		3	3		2	20	10	4 0	41
22	VZ96122	5	2		3		5	20	10	4 5	44
23	VZ96123	2	3		3		2	20	10	4 0	44
24	VZ96124	2	3		2	3		20	10	4 0	45
25	VZ96125	2	3		2	3		20	10	4 0	46
26	VZ96126	2	3		2	3		20	10	4 0	38
27	VZ96127	2	3		2	3		20	10	4 0	41
28	VZ96128	5		2	3	5		20	10	4 5	46
29	VZ96129	0		2	2	4		10	10	2 8	31
30	VZ96130		2	3	3	3		20	10	4 0	41
31	VZ96131		2	3	3		2	20	10	4 0	46
32	VZ96132		2	3	3		2	20	10	4 0	50
33	VZ96133		3	2		2	3	20	10	4 0	40
34	VZ96134		3	2		2	3	20	10	4 0	41

35	VZ96135		5	5		4	5	20	10	4 9	45	
36	VZ96136	5		5		4	5	20	10	4 9	50	
37	VZ96137	3		3		2	3	20	10	4 0	44	
38	VZ96138	3	3			3	2	20	10	4 0	34	
39	VZ96139	3	3			3	2	20	10	4 0	49	
40	VZ96140	3	3			3	2	20	10	4 0	48	
41	VZ96141	3	3		3		2	20	10	4 0	34	
42	VZ96142	3	3		3		2	20	10	4 0	43	
43	VZ96143	5		5	4		5	18	10	4 7	44	
44	VZ96144	5		2	3		4	20	10	4 4	43	
<b>No. of Students Attempted</b>		<b>27</b>	<b>33</b>	<b>28</b>	<b>28</b>	<b>31</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>44</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>11</b>	<b>14</b>	<b>17</b>	<b>12</b>	<b>13</b>	<b>16</b>					
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>	
<b>% of students secured &gt;= Threshold marks</b>		<b>40 .7 4</b>	<b>42 .4 2</b>	<b>60 .7 1</b>	<b>42 .8 6</b>	<b>41 .9 4</b>	<b>55 .1 7</b>					<b>75</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>2</b>	
<b>Direct CO Attainment</b>		<b>1. 8</b>	<b>1. 8</b>	<b>2</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>					
<b>Indirect CO Attainment Level</b>		<b>2. 32</b>	<b>2. 32</b>	<b>2. 36</b>	<b>2. 45</b>	<b>2. 36</b>	<b>2. 43</b>					
<b>Total CO Attainment</b>		<b>1. 85</b>	<b>1. 85</b>	<b>2. 04</b>	<b>1. 87</b>	<b>1. 86</b>	<b>2. 93</b>					
<b>Average CO Attainment</b>											<b>2.07</b>	

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>8</b>	<b>8</b>

<b>Level 2</b>	<b>14</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>12</b>	<b>9</b>
<b>Level 3</b>	<b>22</b>	<b>23</b>	<b>25</b>	<b>27</b>	<b>24</b>	<b>27</b>
<b>Total no. of students participated</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.32</b>	<b>2.36</b>	<b>2.45</b>	<b>2.36</b>	<b>2.43</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	2	3	2	1	1	3	1	3	1	2		3
CO2	1			2		2	2	2	2		1	
CO3	3	2	1	1	3	3	3	1		1	3	2
CO4		3	3		1	2	1		3	1		1
CO5	1		1		2		1		1		2	1
CO6	3	3	2	2	3	3	3	2	2	1	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2.75</b>	<b>1.8</b>	<b>1.5</b>	<b>2</b>	<b>2.6</b>	<b>1.83</b>	<b>2</b>	<b>1.8</b>	<b>1.25</b>	<b>2</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.38</b>	<b>1.9</b>	<b>1.24</b>	<b>1.04</b>	<b>1.38</b>	<b>1.79</b>	<b>1.26</b>	<b>1.38</b>	<b>1.24</b>	<b>0.86</b>	<b>1.38</b>	<b>1.24</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :MC</b>
<b>Class: MBA II Sem.-III      A.Y. 2021-22      Couse Code:</b>

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ96101		4	5		4	5	20	10	48	46
2	VZ96102		4	5		4	5	20	10	48	50
3	VZ96103		4	5		4	5	20	10	48	49
4	VZ96104		4	5		4	5	20	10	48	45
5	VZ96105		4	1	2		3	20	10	30	49
6	VZ96106		4	5	4	5		20	10	48	46
7	VZ96107		3	2	5	4		14	5	28	43
8	VZ96108	4		5	4	5		20	10	48	50
9	VZ96109	4		1	2	3		20	10	30	41
10	VZ96110	4		5	4	5		20	10	48	49
11	VZ96111	4	5		4	5		20	10	48	50
12	VZ96112	4	1		2	3		20	10	30	50
13	VZ96113	4	5		4	5		20	10	48	45
14	VZ96114	4	5		4		5	20	10	48	50
15	VZ96115	4	5		4		5	20	10	48	50
16	VZ96116	4	5			4	5	20	10	48	50
17	VZ96117	3	2			5	4	14	5	28	46
18	VZ96118	3	2			5	4	14	5	28	45
19	VZ96119	2		3		2	3	20	10	40	36

20	VZ96120	2		3		2	3	20	10	4 0	50
21	VZ96121	2		3		2	3	20	10	4 0	41
22	VZ96122		3	2		5	4	14	5	2 8	50
23	VZ96123		4	5		4	5	20	10	4 8	50
24	VZ96124		4	5	4		5	20	10	4 8	50
25	VZ96125		4	5	4		5	20	10	4 8	49
26	VZ96126		4	5	4		5	20	10	4 8	48
27	VZ96127		4	1	2	3		20	10	3 0	50
28	VZ96128		4	1	2	3		20	10	3 0	46
29	VZ96129	3		2	5	4		14	5	2 8	29
30	VZ96130	4		1	2	3		20	10	3 0	44
31	VZ96131	4		5	4	5		20	10	4 8	43
32	VZ96132	3	2		5	4		14	5	2 8	48
33	VZ96133	4	5		4	5		20	10	4 8	46
34	VZ96134	3	2		5	4		14	5	2 8	46
35	VZ96135	4	5		4	5		20	10	4 8	50
36	VZ96136	4	5		4		5	20	10	4 8	50
37	VZ96137	4	5			4	5	20	10	4 8	50
38	VZ96138	4	5			4	5	20	10	4 8	41
39	VZ96139	4	5			4	5	20	10	4 8	50
40	VZ96140	4		5		4	5	20	10	4 8	50
41	VZ96141	3		2		5	5	13	5	2 8	45
42	VZ96142		2	3		5	4	14	5	2 8	48
43	VZ96143		4	5		4	5	20	10	4 8	43
44	VZ96144		4	5		4	5	20	10	4 8	50

<b>No. of Students Attempted</b>	27	33	28	24	37	27	44	44	44	44
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>	20	19	12	13	24	22				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>										33
<b>% of students secured &gt;= Threshold marks</b>	74 .0 7	57 .5 8	42 .8 6	54 .1 7	64 .8 6	81 .4 8				75
<b>Attainment Level</b>	2	1	1	1	2	3				2
<b>Direct CO Attainment</b>	2	1. 8	1. 8	1. 8	2	2. 2				
<b>Indirect CO Attainment Level</b>	2. 3	2. 36	2. 45	2. 55	2. 48	2. 48				
<b>Total CO Attainment</b>	2. 03	1. 86	1. 87	1. 88	2. 05	2. 93				
<b>Average CO Attainment</b>										2.1

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	10	9	7	4	5	6
<b>Level 2</b>	11	10	10	12	13	11
<b>Level 3</b>	23	25	27	28	26	27
<b>Total no. of students participated</b>	44	44	44	44	44	44
<b>CO Attainment Level</b>	2.3	2.36	2.45	2.55	2.48	2.48

**COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL**



CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	1		3	1	2	3	2	3	2	3
CO2	2	1	2	3	2	2		2		2		1
CO3	2		3	2		3			1	1	1	2
CO4	1	2	2	1	3		1	2		2	3	
CO5	1	1		1	2	3	2		1			2
CO6	3	3	2	3		2	1	1	2	2	1	1
<b>Average PO Attainment</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.5</b>	<b>2.2</b>	<b>1.5</b>	<b>2</b>	<b>1.5</b>	<b>2</b>	<b>1.75</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.4</b>	<b>1.26</b>	<b>1.4</b>	<b>1.4</b>	<b>1.75</b>	<b>1.54</b>	<b>1.05</b>	<b>1.4</b>	<b>1.05</b>	<b>1.4</b>	<b>1.23</b>	<b>1.26</b>

Computation of CO Direct Attainment												
Course :ELE1												
Class: MBA II Sem.-III      A.Y. 2021-22      Couse Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ96101	5	2			3	5	20	10	45	40	
2	VZ96102	5	2			3	5	20	10	45	50	
3	VZ96103	5	5			2	3	10	10	35	34	
4	VZ96104	5	2			3	5	20	10	45	43	

5	VZ96105	2	3		5		5	10	10	3 5	46
6	VZ96106	2	3		5	5		10	10	3 5	38
7	VZ96107	2	3		5	5		10	10	3 5	29
8	VZ96108	5		5	4	5		20	10	4 9	50
9	VZ96109	2		3	4	1		10	10	3 5	38
10	VZ96110		5	5	2	3		10	10	3 5	45
11	VZ96111		5	5	5	0		10	10	3 5	44
12	VZ96112		2	3	5	5		10	10	3 5	38
13	VZ96113		5	2	3		5	20	10	4 5	39
14	VZ96114		5	2	3		5	20	10	4 5	48
15	VZ96115		5	2		3	5	20	10	4 5	50
16	VZ96116		5	2		3	5	20	10	4 5	46
17	VZ96117	5		2		3	5	20	10	4 5	50
18	VZ96118	5		5		2	3	10	10	3 5	36
19	VZ96119	5	5			2	3	10	10	3 5	41
20	VZ96120	5	2			3	5	20	10	4 5	48
21	VZ96121	5	5			3	5	17	10	4 5	41
22	VZ96122	4	1			2	3	20	10	3 0	50
23	VZ96123	5	2		3		5	20	10	4 5	50
24	VZ96124	5	5		4	5		20	10	4 9	50
25	VZ96125	0	3		2	5		20	10	4 0	39
26	VZ96126	3		5	2	5		10	10	3 5	38
27	VZ96127	2		5	5	3		10	10	3 5	43
28	VZ96128		5	2	3	5		20	10	4 5	39
29	VZ96129		2	2	2	2		20	10	2 8	29



<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>6</b>
<b>Level 2</b>	<b>13</b>	<b>11</b>	<b>12</b>	<b>11</b>	<b>14</b>	<b>10</b>
<b>Level 3</b>	<b>23</b>	<b>24</b>	<b>26</b>	<b>28</b>	<b>25</b>	<b>28</b>
<b>Total no. of students participated</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
<b>CO Attainment Level</b>	<b>2.34</b>	<b>2.34</b>	<b>2.45</b>	<b>2.52</b>	<b>2.45</b>	<b>2.5</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
<b>CO1</b>	2	3	2	3		2	3	1	3	1	3	1
<b>CO2</b>			1		3	1		3	2		2	2
<b>CO3</b>	2	3		1	2	3	2	2	1	2	1	
<b>CO4</b>	3	2	2	2		1	1		2	1	2	1
<b>CO5</b>			3		1			1	3	2		3
<b>CO6</b>	1	1		1	2		2	2		3	3	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.8</b>

PO's Attainment at Course Level	1.36	1.53	1.36	1.19	1.36	1.19	1.36	1.22	1.5	1.22	1.5	1.22
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Computation of CO Direct Attainment											
Course :ELE2											
Class: MBA II Sem.-III      A.Y. 2021-22      Course Code:											
Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ96101		2	3		2	3	20	10	40	38
2	VZ96102		4	5		4	5	20	10	48	39
3	VZ96103		4	5		4	5	20	10	48	35
4	VZ96104		4	5		4	5	20	10	48	31
5	VZ96105		2	3		2	3	20	10	40	44
6	VZ96106		2	3	2		3	20	10	40	39
7	VZ96107		2	3	2		3	20	10	40	39
8	VZ96108	5		5	4	5		20	10	49	41
9	VZ96109	2		3	2	3		20	10	40	34
10	VZ96110	2	3		2	3		20	10	40	40
11	VZ96111	4	5		4	5		20	10	48	41
12	VZ96112	2	3		2	3		20	10	40	40

13	VZ96113	2	3		2	3		20	10	4 0	40
14	VZ96114	2	3		2	3		20	10	4 0	41
15	VZ96115	2	3		2		3	20	10	4 0	44
16	VZ96116	4	5		4		5	20	10	4 8	38
17	VZ96117	2		3		2	3	20	10	4 0	38
18	VZ96118	2		3		2	3	20	10	4 0	33
19	VZ96119		2	3		2	3	20	10	4 0	45
20	VZ96120		2	3		2	3	20	10	4 0	38
21	VZ96121		2	3		2	3	20	10	4 0	31
22	VZ96122		5	2		3	5	20	10	4 5	35
23	VZ96123		2	3		2	3	20	10	4 0	40
24	VZ96124		2	3		2	3	20	10	4 0	38
25	VZ96125		2	3	2		3	20	10	4 0	39
26	VZ96126		2	3	2	3		20	10	4 0	38
27	VZ96127	2		3	2	3		20	10	4 0	43
28	VZ96128	5		2	3	5		20	10	4 5	44
29	VZ96129	2	2		2	3		10	10	2 9	32
30	VZ96130	2	3		3	2		18	10	3 8	45
31	VZ96131	3	3		3	2		20	10	4 0	43
32	VZ96132	3	3		3	2		20	10	3 8	46
33	VZ96133	3	3		3	2		20	10	3 8	44
34	VZ96134	5	2		3		5	20	10	4 5	26
35	VZ96135	5	5		4		5	20	10	4 9	50
36	VZ96136	5	5			4	5	20	10	4 9	50
37	VZ96137	3		3		3	2	20	10	4 0	50

38	VZ96138	3		3		5	5	10	10	3 5	48
39	VZ96139		5	2		3	5	20	10	4 5	50
40	VZ96140		5	2		3	5	20	10	4 5	50
41	VZ96141		2	0		5	5	10	10	3 2	38
42	VZ96142		2	0	5		5	10	10	3 2	50
43	VZ96143		2	4	4		2	20	10	4 2	44
44	VZ96144		4	2	4		2	20	10	4 2	50
<b>No. of Students Attempted</b>		<b>23</b>	<b>36</b>	<b>29</b>	<b>25</b>	<b>34</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>44</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>15</b>	<b>13</b>	<b>11</b>	<b>14</b>	<b>19</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											33
<b>% of students secured &gt;= Threshold marks</b>		<b>43 .4 8</b>	<b>41 .6 7</b>	<b>44 .8 3</b>	<b>44</b>	<b>41 .1 8</b>	<b>65 .5 2</b>				<b>75</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 18</b>	<b>2. 14</b>	<b>2. 27</b>	<b>2. 2</b>	<b>2. 32</b>	<b>2. 32</b>				
<b>Total CO Attainment</b>		<b>1. 84</b>	<b>1. 83</b>	<b>1. 85</b>	<b>1. 84</b>	<b>1. 85</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											2.02

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>10</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>8</b>	<b>9</b>
<b>Level 2</b>	<b>16</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>12</b>
<b>Level 3</b>	<b>18</b>	<b>17</b>	<b>21</b>	<b>19</b>	<b>22</b>	<b>23</b>

Total no. of students participated	44	44	44	44	44	44
CO Attainment Level	2.18	2.14	2.27	2.2	2.32	2.32

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	3	3	3	2	3	1	3	2	1	
CO2	3	1	1	1	1	2	1	3	3	1	2	3
CO3	2	2	2	2			2	2	2	2	1	1
CO4					1		1	1		3	2	
CO5	3	1	1	1	3	2	2		1	3		1
CO6	1			3		1		2	2		3	3
Average PO Attainment	2	1.5	1.75	2	2	1.75	1.8	1.8	2.2	2.2	1.8	2
PO's Attainment at Course Level	1.35	1.01	1.18	1.35	1.35	1.18	1.21	1.21	1.48	1.48	1.21	1.35

Computation of CO Direct Attainment							
Course :ELE3							
Class: MBA II Sem.-III      A.Y. 2021-22      Course Code:							
Internal Assessment							External Assessment
Sr. No.		Test-I (10)	Test -II (10)	Seminar	Assignment	Total	Marks



	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	5 0	50
	Seat No	C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ96101	2		3		2	3	20	10	4 0	40
2	VZ96102	4		5		4	5	20	10	4 8	50
3	VZ96103	4		5		4	5	20	10	4 8	36
4	VZ96104		4	5		4	5	20	10	4 8	31
5	VZ96105		2	3	2		3	20	10	4 0	44
6	VZ96106		2	3	2		3	20	10	4 0	39
7	VZ96107		2	3	2	3		20	10	4 0	39
8	VZ96108		5	5	4	5		20	10	4 9	41
9	VZ96109		2	3	2	3		20	10	4 0	34
10	VZ96110	2		3	2	3		20	10	4 0	35
11	VZ96111	4		5	4	5		20	10	4 8	45
12	VZ96112	2	3		2	3		20	10	4 0	40
13	VZ96113	2	3		2	3		20	10	4 0	38
14	VZ96114	2	3		2		3	20	10	4 0	44
15	VZ96115	2	3		2		3	20	10	4 0	46
16	VZ96116	4	5			4	5	20	10	4 8	49
17	VZ96117	2	3			2	3	20	10	4 0	50
18	VZ96118	2	3			2	3	20	10	4 0	34
19	VZ96119	5		2		3	5	20	10	4 5	34
20	VZ96120	2		3		2	3	20	10	4 0	40
21	VZ96121	2		3		2	3	20	10	4 0	48
22	VZ96122		5	2		3	5	20	10	4 5	48
23	VZ96123		2	3		2	3	20	10	4 0	50



% of students secured >= Threshold marks	40 .7 4	48 .3 9	43 .3 3	45 .8 3	54 .2 9	75 .8 6				75
Attainment Level	1	1	1	1	1	2				2
Direct CO Attainment	0. 2	0. 2	0. 2	0. 2	0. 2	0. 4				
Indirect CO Attainment Level	2. 23	2. 18	2. 27	2. 25	2. 36	2. 32				
Total CO Attainment	0. 4	0. 4	0. 41	0. 41	0. 42	2. 93				
Average CO Attainment										0.83

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	9	10	9	8	6	9
Level 2	16	16	14	17	16	12
Level 3	19	18	21	19	22	23
Total no. of students participated	44	44	44	44	44	44
CO Attainment Level	2.23	2.18	2.27	2.25	2.36	2.32

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	2	1		1	2	1	3	2	1	3
CO2	1		1		2		1		1		2	1
CO3	3	3	2	2	3	3	3	2	2	1	2	2

CO4	1	2	1	2		1	2	3	3	3		1
CO5		3		1	1	3		2		2	1	2
CO6	1	2	3	3	3		2	1			2	
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>0.44</b>	<b>0.61</b>	<b>0.5</b>	<b>0.5</b>	<b>0.62</b>	<b>0.55</b>	<b>0.55</b>	<b>0.5</b>	<b>0.62</b>	<b>0.55</b>	<b>0.44</b>	<b>0.5</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :ELE4</b>												
<b>Class: MBA II Sem.-III      A.Y. 2021-22      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)					Q3 (5)
		Seat No	C01	C02	C03	C04	C05					C06
1	VZ96101		2	3	2	3		20	10	40	30	
2	VZ96102		4	5	4	5		20	10	48	44	
3	VZ96103		5	2	3		5	20	10	45	33	
4	VZ96104		4	5		4	5	20	10	48	44	
5	VZ96105		2	3		2	3	20	10	40	46	
6	VZ96106	2		3		2	3	20	10	40	35	
7	VZ96107	2		3		2	3	20	10	40	31	
8	VZ96108	5	5			4	5	20	10	49	33	

9	VZ96109	2	3			2	3	20	10	4 0	31
10	VZ96110	2	3		2		3	20	10	4 0	36
11	VZ96111	4	5		4		5	20	10	4 8	30
12	VZ96112	2	3		2	3		20	10	4 0	34
13	VZ96113	2	3		2	3		20	10	4 0	35
14	VZ96114	2	3		2	3		20	10	4 0	36
15	VZ96115	2	3		2	3		20	10	4 0	41
16	VZ96116	4		5	4	5		20	10	4 8	34
17	VZ96117	2		3	2	3		20	10	4 0	44
18	VZ96118		2	3	2	3		20	10	4 0	34
19	VZ96119		2	3	2		3	20	10	4 0	28
20	VZ96120		2	3	2		3	20	10	4 0	35
21	VZ96121		5	2		3	5	20	10	4 5	36
22	VZ96122		5	2		3	5	20	10	4 5	35
23	VZ96123		2	3		2	3	20	10	4 0	44
24	VZ96124	5		2		3	5	20	10	4 5	29
25	VZ96125	2		3		2	3	20	10	4 0	38
26	VZ96126	2	3			2	3	20	10	4 0	38
27	VZ96127	2	3			2	3	20	10	4 0	30
28	VZ96128	5	2		3		5	20	10	4 5	43
29	VZ96129	2	2		2		2	10	10	2 8	25
30	VZ96130	2	3		2	3		20	10	4 0	48
31	VZ96131	5	2		3	5		20	10	4 5	43
32	VZ96132	5		2	3	5		20	10	4 5	48
33	VZ96133	3		3	3	2		20	10	4 0	48

34	VZ96134		2	3	3	2		20	10	4 0	25
35	VZ96135	3	5	5	4	5		20	10	4 9	49
36	VZ96136	3	5	5	4	5		20	10	4 9	49
37	VZ96137		2	3	3		2	20	10	4 0	46
38	VZ96138		2	3	3		2	20	10	4 0	38
39	VZ96139		5	2		3	5	20	10	4 5	45
40	VZ96140		5	2		3	5	20	10	4 5	48
41	VZ96141	3		5		2	3	12	10	3 3	43
42	VZ96142	3		0		5	5	10	10	3 2	40
43	VZ96143	5	2			3	5	18	10	4 3	40
44	VZ96144	3	5			5	5	10	10	3 8	50
<b>No. of Students Attempted</b>		<b>28</b>	<b>34</b>	<b>28</b>	<b>25</b>	<b>35</b>	<b>28</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>44</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>14</b>	<b>14</b>	<b>10</b>	<b>20</b>	<b>16</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>33</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>42 .8 6</b>	<b>41 .1 8</b>	<b>50</b>	<b>40</b>	<b>57 .1 4</b>	<b>57 .1 4</b>				<b>75</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 14</b>	<b>2. 27</b>	<b>2. 2</b>	<b>2. 3</b>	<b>2. 36</b>	<b>2. 45</b>				
<b>Total CO Attainment</b>		<b>1. 83</b>	<b>1. 85</b>	<b>1. 84</b>	<b>1. 85</b>	<b>1. 86</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>2.03</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>7</b>

<b>Level 2</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>11</b>	<b>10</b>	<b>10</b>
<b>Level 3</b>	<b>17</b>	<b>21</b>	<b>19</b>	<b>23</b>	<b>25</b>	<b>27</b>
<b>Total no. of students participated</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
<b>CO Attainment Level</b>	<b>2.14</b>	<b>2.27</b>	<b>2.2</b>	<b>2.3</b>	<b>2.36</b>	<b>2.45</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1	1	2	1	3	2	1	2	1	2		2	3
CO2	2		2		1			3	1	1	1	
CO3		2		2	3	2		2	3	3	3	
CO4	1	1		1	2	3	2		1			2
CO5	3	3	2	3		2	1	1	2	2	1	1
CO6	2	1	3	2	2	1	3	3		1	2	2
<b>Average PO Attainment</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>2.2</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.22</b>	<b>1.22</b>	<b>1.35</b>	<b>1.49</b>	<b>1.35</b>	<b>1.22</b>	<b>1.35</b>	<b>1.35</b>	<b>1.22</b>	<b>1.18</b>	<b>1.22</b>	<b>1.35</b>

<b>Computation of CO Direct Attainment</b>
<b>Course :OR</b>

**Class: MBA II Sem.-IV      A.Y. 2021-22      Course Code:**

**Internal Assessment**

**External Assessment**

Sr. No.		Test-I (10)			Test -II (10)			Se min ar	Assig nmen t	T ot al	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)					Q3 (5)
		Seat No	C O1	C O2	C O3	C O4	C O5					C O6
1	VZ96101	4		5		5	3	20	10	46	32	
2	VZ96102	5		5		4	5	20	10	49	46	
3	VZ96103	5		5		5	5	17	10	47	31	
4	VZ96104		4	5		4	5	20	10	48	26	
5	VZ96105		2	3		2	3	20	10	40	28	
6	VZ96106		5	2		3	5	20	10	45	27	
7	VZ96107		5	2	3		5	20	10	45	15	
8	VZ96108		5	5	4		5	20	10	49	41	
9	VZ96109		5	2	3		5	20	10	45		
10	VZ96110	5		5	5	3		20	10	47	36	
11	VZ96111	4		5	5	3		20	10	46	35	
12	VZ96112	4		5	5	0		20	10	43	36	
13	VZ96113	4	5		5	3		20	10	46	42	
14	VZ96114	5	5		4	5		20	10	49	43	
15	VZ96115	5	5		5	3		20	10	47	47	
16	VZ96116	5	5		4	5		20	10	49	32	
17	VZ96117	2	4		4	2		19	10	41	15	
18	VZ96118	2	3		2		3	20	10	40	6	



19	VZ96119	2	4		3		2	20	10	4 1	28
20	VZ96120	5		5		4	5	20	10	4 9	45
21	VZ96121	3		5		5	4	20	10	4 7	29
22	VZ96122		4	5		4	5	20	10	4 8	32
23	VZ96123		5	4		4	4	20	10	4 7	29
24	VZ96124		5	2		3	5	20	10	4 5	25
25	VZ96125		2	4		4	2	20	10	4 2	27
26	VZ96126		2	4		4	3	20	10	4 3	13
27	VZ96127		2	4	4		2	20	10	4 2	5
28	VZ96128	2		4	4		2	20	10	4 2	8
29	VZ96129	5		4	5	3		20	10	4 7	36
30	VZ96130	2	4		4	2		20	10	4 2	8
31	VZ96131	5	5		4	5		20	10	4 9	31
32	VZ96132	2	4		4	2		20	10	4 2	40
33	VZ96133	2	4		4	2		19	10	4 1	9
34	VZ96134	2	4		3	2		20	10	4 1	9
35	VZ96135	4	5		4	5		20	10	4 8	29
36	VZ96136	4	5		4		5	20	10	4 8	30
37	VZ96137	4	5			4	5	20	10	4 8	30
38	VZ96138	5		2		3	4	20	10	4 4	25
39	VZ96139	5		2		3	5	20	10	4 5	26
40	VZ96140		5	5		4	5	20	10	4 9	43
41	VZ96141		2	4		4	2	20	10	4 2	9
42	VZ96142		2	3		2	3	20	10	4 0	
43	VZ96143		5	2		5	4	20	10	4 6	31

44	VZ96144		2	3	2		3	20	10	4 0	25
<b>No. of Students Attempted</b>		<b>27</b>	<b>32</b>	<b>29</b>	<b>24</b>	<b>35</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>42</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>20</b>	<b>14</b>	<b>17</b>	<b>20</b>	<b>15</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>23</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>51 .8 5</b>	<b>62 .5</b>	<b>48 .2 8</b>	<b>70 .8 3</b>	<b>57 .1 4</b>	<b>51 .7 2</b>				<b>54.76</b>
<b>Attainment Level</b>		<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1. 2</b>	<b>1</b>	<b>1. 2</b>	<b>1</b>	<b>1</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 5</b>	<b>2. 41</b>	<b>2. 43</b>	<b>2. 14</b>	<b>2. 27</b>	<b>2. 2</b>				
<b>Total CO Attainment</b>		<b>1. 15</b>	<b>1. 32</b>	<b>1. 14</b>	<b>1. 29</b>	<b>1. 13</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											<b>1.49</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>11</b>	<b>9</b>	<b>10</b>
<b>Level 2</b>	<b>12</b>	<b>14</b>	<b>9</b>	<b>16</b>	<b>14</b>	<b>15</b>
<b>Level 3</b>	<b>27</b>	<b>24</b>	<b>27</b>	<b>17</b>	<b>21</b>	<b>19</b>
<b>Total no. of students participated</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
<b>CO Attainment Level</b>	<b>2.5</b>	<b>2.41</b>	<b>2.43</b>	<b>2.14</b>	<b>2.27</b>	<b>2.2</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2		3	3	2	2	1	2	3		2
CO2	2	3	2	2	2	3	3		3		3	1
CO3	3	2	1		3	1	2	3	2	3	2	3
CO4	2	1	2	3	2	2		2		2		1
CO5	2		3	2		3			1	1	1	2
CO6	1	2	2	1	3		1	2		2	3	
<b>Average PO Attainment</b>	<b>2.17</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.6</b>	<b>2.2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.2</b>	<b>2.25</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.08</b>	<b>0.99</b>	<b>0.99</b>	<b>1.09</b>	<b>1.29</b>	<b>1.09</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>1.09</b>	<b>1.12</b>	<b>0.89</b>

Computation of CO Direct Attainment												
Course :CGBE												
Class: MBA II Sem.-IV      A.Y. 2021-22      Couse Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6					
1	VZ96101	2	4		4	2		20	10	42	29	
2	VZ96102	5	5		4	5		20	10	49	31	
3	VZ96103	4	5		4	5		20	10	48	25	
4	VZ96104	5	5		4	5		20	10	49	30	

5	VZ96105	4		1	2		3	20	10	30	20
6	VZ96106	2		3	2		3	20	10	40	27
7	VZ96107		2	3		2	3	20	10	40	25
8	VZ96108		5	5		4	5	20	10	49	36
9	VZ96109		4	1		2	3	20	10	30	
10	VZ96110		4	5		4	5	20	10	48	26
11	VZ96111		4	5		4	5	20	10	48	27
12	VZ96112	5		2		3	5	20	10	45	29
13	VZ96113	5		5		4	5	20	10	49	29
14	VZ96114	5	5			4	5	20	10	49	33
15	VZ96115	5	4		5		3	20	10	47	28
16	VZ96116	5	5		4		5	20	10	49	28
17	VZ96117	4	1		2	3		20	10	30	29
18	VZ96118	4	1		2	3		20	10	30	12
19	VZ96119	5		2	3	5		20	10	45	29
20	VZ96120	5		5	4	5		20	10	49	31
21	VZ96121		4	5	4	5		20	10	48	30
22	VZ96122		4	5	4	5		20	10	48	25
23	VZ96123		2	3	2		3	20	10	40	30
24	VZ96124		4	1		2	3	20	10	30	27
25	VZ96125		1	3		2	4	20	10	40	28
26	VZ96126	2		3		3	2	20	10	40	25
27	VZ96127	4		1		2	3	20	10	30	25
28	VZ96128	5	2			3	5	20	10	45	30
29	VZ96129	5	2			3	5	20	10	45	32



<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>8</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>9</b>
<b>Level 2</b>	<b>14</b>	<b>11</b>	<b>12</b>	<b>15</b>	<b>11</b>	<b>10</b>
<b>Level 3</b>	<b>23</b>	<b>25</b>	<b>27</b>	<b>19</b>	<b>23</b>	<b>25</b>
<b>Total no. of students participated</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
<b>CO Attainment Level</b>	<b>2.36</b>	<b>2.39</b>	<b>2.5</b>	<b>2.2</b>	<b>2.3</b>	<b>2.36</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO11</b>	<b>PO1 2</b>
CO1		3		3	3	1	1	2	3	2	2	
CO2	1	2	3	2	3			1		3	1	2
CO3	2	3	2	1	1	3	1	3	1	2		3
CO4	1			2		2	2	2	2		1	
CO5	3	2	1	1	3	3	3	1		1	3	2
CO6		3	3		1	2	1		3	1		1
<b>Average PO Attainment</b>	<b>1.75</b>	<b>2.6</b>	<b>2.25</b>	<b>1.8</b>	<b>2.2</b>	<b>2.2</b>	<b>1.6</b>	<b>1.8</b>	<b>2.25</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>

PO's Attainment at Course Level	1.21	1.79	1.55	1.24	1.52	1.52	1.1	1.24	1.55	1.24	1.21	1.38
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Computation of CO Direct Attainment												
Course :DM												
Class: MBA II Sem.-IV      A.Y. 2021-22      Course Code:												
Internal Assessment											External Assessment	
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ96101		2	4	4	2		20	10	42	28	
2	VZ96102		4	5	4	5		20	10	48	29	
3	VZ96103		2	4		4	2	20	10	42	28	
4	VZ96104		5	5		4	5	20	10	49	27	
5	VZ96105		2	2		2	2	20	10	28	25	
6	VZ96106	2		3		2	3	20	10	40	30	
7	VZ96107	2		3		2	3	20	10	40	28	
8	VZ96108	5	5			4	5	20	10	49	34	
9	VZ96109	2	2			2	2	20	10	28		
10	VZ96110	2	4			4	2	20	10	42	26	
11	VZ96111	2	4		4		2	20	10	42	27	
12	VZ96112	2	2		2	2		20	10	28	30	

13	VZ96113	5	0		3	5		20	10	4 3	30
14	VZ96114	5		5	4	5		20	10	4 9	30
15	VZ96115		5	5	4	4		20	10	4 8	32
16	VZ96116		5	5	4	5		20	10	4 9	33
17	VZ96117		3	2	5	5		13	5	2 8	29
18	VZ96118		3	2	5		4	14	5	2 8	25
19	VZ96119		4	1	2		3	20	10	3 0	30
20	VZ96120		4	5		4	5	20	10	4 8	32
21	VZ96121	5		2		3	5	20	10	4 5	29
22	VZ96122	5		2		3	5	20	10	4 5	13
23	VZ96123	4	5			4	5	20	10	4 8	28
24	VZ96124	2	3			2	3	20	10	4 0	25
25	VZ96125	2	4			4	2	20	10	4 2	28
26	VZ96126	2	3			2	3	20	10	4 0	28
27	VZ96127	4	1		2		3	20	10	3 0	31
28	VZ96128	2	3		2		3	20	10	4 0	30
29	VZ96129	4	1		2	3		20	10	3 0	34
30	VZ96130	2		2	2	2		20	10	2 8	28
31	VZ96131	5		2	4	5		20	10	4 6	31
32	VZ96132		4	1	2	3		20	10	3 0	36
33	VZ96133		4	1	2	3		20	10	3 0	27
34	VZ96134		4	1	2	3		20	10	3 0	20
35	VZ96135		5	5	4	5		20	10	4 9	28
36	VZ96136		5	5	4		5	20	10	4 9	29
37	VZ96137		5	5		4	5	18	10	4 7	26



38	VZ96138	5		2		3	5	20	10	4 5	25
39	VZ96139	5		2		3	5	20	10	4 5	27
40	VZ96140	5	5			4	5	20	10	4 9	29
41	VZ96141	3	2			5	5	13	5	2 8	15
42	VZ96142	3	2			5	4	14	5	2 8	
43	VZ96143	5	2		3		5	20	10	4 5	25
44	VZ96144	4		1	2		3	20	10	3 0	27
<b>No. of Students Attempted</b>		<b>27</b>	<b>34</b>	<b>27</b>	<b>23</b>	<b>36</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>42</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>15</b>	<b>18</b>	<b>7</b>	<b>10</b>	<b>22</b>	<b>19</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											<b>29</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>55</b> <b>.5</b> <b>6</b>	<b>52</b> <b>.9</b> <b>4</b>	<b>25</b> <b>.9</b> <b>3</b>	<b>43</b> <b>.4</b> <b>8</b>	<b>61</b> <b>.1</b> <b>1</b>	<b>65</b> <b>.5</b> <b>2</b>				<b>69.05</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>FA LS E</b>	<b>1</b>	<b>2</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1.</b> <b>8</b>	<b>1.</b> <b>8</b>	<b>1.</b> <b>6</b>	<b>1.</b> <b>8</b>	<b>2</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b> <b>18</b>	<b>2.</b> <b>27</b>	<b>2.</b> <b>25</b>	<b>2.</b> <b>36</b>	<b>2.</b> <b>32</b>	<b>2.</b> <b>48</b>				
<b>Total CO Attainment</b>		<b>1.</b> <b>84</b>	<b>1.</b> <b>85</b>	<b>1.</b> <b>67</b>	<b>1.</b> <b>86</b>	<b>2.</b> <b>03</b>	<b>2.</b> <b>93</b>				
<b>Average CO Attainment</b>											<b>2.03</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>6</b>
<b>Level 2</b>	<b>16</b>	<b>14</b>	<b>17</b>	<b>16</b>	<b>12</b>	<b>11</b>

<b>Level 3</b>	<b>18</b>	<b>21</b>	<b>19</b>	<b>22</b>	<b>23</b>	<b>27</b>
<b>Total no. of students participated</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
<b>CO Attainment Level</b>	<b>2.18</b>	<b>2.27</b>	<b>2.25</b>	<b>2.36</b>	<b>2.32</b>	<b>2.48</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	1	1	3	3	1	3	3		2	2	2	1
CO2		2	1	1	3	3		3	1		1	
CO3	3	1		2	2	2	1	2	3	3	3	
CO4	2	2	2	1	1		2		1			2
CO5	1	1		2		1		1		2	1	3
CO6			2		2	2	1	2		1	2	2
<b>Average PO Attainment</b>	<b>1.75</b>	<b>1.4</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.18</b>	<b>0.95</b>	<b>1.35</b>	<b>1.22</b>	<b>1.22</b>	<b>1.49</b>	<b>1.18</b>	<b>1.35</b>	<b>1.18</b>	<b>1.35</b>	<b>1.22</b>	<b>1.35</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course :EL5</b>	
<b>Class: MBA II Sem.-IV      A.Y. 2021-22      Couse Code:</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr. No.		Test-I (10)			Test -II (10)			Se min ar	Assig nmen t	T ot al	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)				
		C O1	C O2	C O3	C O4	C O5	C O6				
1	VZ96101		2	3		2	3	20	10	40	31
2	VZ96102		5	5		4	5	20	10	49	41
3	VZ96103		5	5		4	5	20	10	49	32
4	VZ96104		5	5		4	5	20	10	49	28
5	VZ96105		4	1		2	3	20	10	30	27
6	VZ96106	2		5		2	3	18	10	40	30
7	VZ96107	2	2			2	4	20	10	40	10
8	VZ96108	5	5		4		5	20	10	49	43
9	VZ96109	4	1		2		3	20	10	30	aa
10	VZ96110	4	5		4	5		20	10	48	32
11	VZ96111	5	5		4	5		20	10	49	32
12	VZ96112	4	1		2	3		20	10	30	26
13	VZ96113	5	5		4	5		20	10	49	32
14	VZ96114	5		5	4	5		20	10	49	43
15	VZ96115	4		5	4	5		20	10	48	34
16	VZ96116		5	5	4	5		20	10	49	26
17	VZ96117		4	1	2	3		20	10	30	28
18	VZ96118		4	1	2		3	20	10	30	3
19	VZ96119		5	2	3		5	20	10	45	25
20	VZ96120		5	5		4	5	20	10	49	41
21	VZ96121		5	2		3	5	20	10	45	25

22	VZ96122		4	5		4	5	20	10	4 8	37
23	VZ96123	2		3		2	3	20	10	4 0	42
24	VZ96124	4		1		2	3	20	10	3 0	38
25	VZ96125	4	1			2	3	20	10	3 0	30
26	VZ96126	2	3			2	3	20	10	4 0	28
27	VZ96127	4	1			2	3	20	10	3 0	11
28	VZ96128	2	3		2		3	20	10	4 0	26
29	VZ96129	2	3		0		3	20	10	3 8	36
30	VZ96130	4	1		2	3		20	10	3 0	29
31	VZ96131	2		5	2	3		18	10	4 0	32
32	VZ96132	2		2	2	4		20	10	4 0	34
33	VZ96133		4	1	3	2		20	10	3 0	25
34	VZ96134		2	3	3	2		20	10	4 0	26
35	VZ96135		5	5	5	2		20	10	4 9	29
36	VZ96136		5	5	4	5		20	10	4 9	25
37	VZ96137		5	5	4		5	18	10	4 7	25
38	VZ96138		5	2		3	5	20	10	4 5	33
39	VZ96139		5	2		3	5	20	10	4 5	30
40	VZ96140	5		5		4	5	20	10	4 9	29
41	VZ96141	3		2		5	5	13	5	2 8	15
42	VZ96142	3	2			5	4	14	5	2 8	aa
43	VZ96143	5	2			3	5	20	10	4 5	32
44	VZ96144	2	2			2	2	20	10	2 8	31
<b>No. of Students Attempted</b>		<b>25</b>	<b>35</b>	<b>28</b>	<b>22</b>	<b>37</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>42</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>17</b>	<b>12</b>	<b>10</b>	<b>19</b>	<b>19</b>				



CO1		2	3	1	3	1	3	1		3	1	3
CO2	3	2		3	2		1		1	1	2	
CO3			2	2	1	2	2	3	2	3	1	3
CO4	1	1	1		2	1	2	2		1		
CO5		2		1	3	2	3	3	1	3	2	1
CO6	2		2	2		3			3		1	2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.8</b>	<b>2.2</b>	<b>2.25</b>	<b>1.75</b>	<b>2.2</b>	<b>1.4</b>	<b>2.25</b>
<b>PO's Attainment at Course Level</b>	<b>1.36</b>	<b>1.19</b>	<b>1.36</b>	<b>1.22</b>	<b>1.5</b>	<b>1.22</b>	<b>1.5</b>	<b>1.53</b>	<b>1.19</b>	<b>1.5</b>	<b>0.95</b>	<b>1.53</b>

<b>Computation of CO Direct Attainment</b>												
<b>Course :ELE6</b>												
<b>Class: MBA II Sem.-IV      A.Y. 2021-22      Course Code:</b>												
<b>Internal Assessment</b>											<b>External Assessment</b>	
Sr. No.		<b>Test-I (10)</b>			<b>Test -II (10)</b>			<b>Seminar</b>	<b>Assignment</b>	<b>Total</b>	<b>Marks</b>	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50	
	Seat No	C01	C02	C03	C04	C05	C06					
1	VZ96101	0		2	0	3		20	10	35	35	
2	VZ96102		5	5		4	5	20	10	49	32	
3	VZ96103		4	5		4	5	20	10	48	32	
4	VZ96104		5	5		4	5	20	10	49	34	
5	VZ96105		3	2		5	5	15	5	30	31	
6	VZ96106		2	5		3	5	10	10	35	32	
7	VZ96107		3	2		2	3	15	10	35	31	

8	VZ96108	5		5	4		5	20	10	4 9	32
9	VZ96109	0		0	5		5	10	10	3 0	
10	VZ96110	4	5		4	5		20	10	4 8	32
11	VZ96111	5	5		4	5		20	10	4 9	32
12	VZ96112	4	1		2	3		20	10	3 0	26
13	VZ96113	5	5		4	5		20	10	4 9	32
14	VZ96114	5	5		4	5		20	10	4 9	33
15	VZ96115	5	5		4	5		20	10	4 9	32
16	VZ96116	5	5		4	5		20	10	4 9	31
17	VZ96117	4		1	2	3		20	10	3 0	32
18	VZ96118	4		1	2		3	20	10	3 0	17
19	VZ96119		5	2	3		5	20	10	4 5	34
20	VZ96120		5	5		4	5	20	10	4 9	33
21	VZ96121		5	5		4	5	20	10	4 9	33
22	VZ96122		4	5		4	5	20	10	4 8	30
23	VZ96123		4	1		2	3	20	10	3 0	32
24	VZ96124		4	1		2	3	20	10	3 0	31
25	VZ96125	0		0		0	0	20	10	3 5	26
26	VZ96126	2		3		2	3	20	10	4 0	32
27	VZ96127	0		5	5		5	15	0	3 0	30
28	VZ96128	2	5		2		3	18	10	4 0	26
29	VZ96129	2	2		2		4	20	10	4 0	30
30	VZ96130	3	2		0	5		12	10	3 2	28
31	VZ96131	2	5		2	3		18	10	4 0	31
32	VZ96132	2	2		2	4		20	10	4 0	30

33	VZ96133	4	1		2	3		20	10	30	29
34	VZ96134	2		3	2	3		20	10	40	21
35	VZ96135	5		5	4	5		20	10	49	33
36	VZ96136	5		5	4		5	20	10	49	32
37	VZ96137		2	5	3		5	20	10	45	30
38	VZ96138		2	5	3		4	20	10	44	26
39	VZ96139		2	1		4	3	20	10	40	27
40	VZ96140		4	5		4	5	20	10	48	33
41	VZ96141		2	2		5	5	10	10	34	7
42	VZ96142		2	3		5	5	10	10	35	
43	VZ96143	2		3		3	2	20	10	40	27
44	VZ96144	3		2		2	3	20	10	40	26
<b>No. of Students Attempted</b>		<b>26</b>	<b>31</b>	<b>31</b>	<b>25</b>	<b>34</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>42</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>13</b>	<b>13</b>	<b>10</b>	<b>20</b>	<b>19</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											29
<b>% of students secured &gt;= Threshold marks</b>		<b>46</b> <b>.1</b> <b>5</b>	<b>41</b> <b>.9</b> <b>4</b>	<b>41</b> <b>.9</b> <b>4</b>	<b>40</b>	<b>58</b> <b>.8</b> <b>2</b>	<b>65</b> <b>.5</b> <b>2</b>				<b>69.05</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1.</b> <b>8</b>	<b>1.</b> <b>8</b>	<b>1.</b> <b>8</b>	<b>1.</b> <b>8</b>	<b>1.</b> <b>8</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2.</b> <b>32</b>	<b>2.</b> <b>36</b>	<b>2.</b> <b>45</b>	<b>2.</b> <b>36</b>	<b>2.</b> <b>43</b>	<b>2.</b> <b>55</b>				
<b>Total CO Attainment</b>		<b>1.</b> <b>85</b>	<b>1.</b> <b>86</b>	<b>1.</b> <b>87</b>	<b>1.</b> <b>86</b>	<b>1.</b> <b>86</b>	<b>2.</b> <b>93</b>				
<b>Average CO Attainment</b>											2.04

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6



Level 1	8	9	7	8	8	3
Level 2	14	10	10	12	9	14
Level 3	22	25	27	24	27	27
Total no. of students participated	44	44	44	44	44	44
CO Attainment Level	2.32	2.36	2.45	2.36	2.43	2.55

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO11	PO1 2
CO1	1	1	3	2	3	1	1	2	1	3	2	
CO2	1	1	2	1		2	3	2		2	1	3
CO3		2	3	1	2	1	3		2	2	2	
CO4	1	1		2	1	1	1	3	2	1	1	2
CO5	2		1	3	2			1	3			1
CO6		2	2		3	3	2		1	1	3	2
Average PO Attainment	1.25	1.4	2.2	1.8	2.2	1.6	2	2	1.8	1.8	1.8	2
PO's Attainment at Course Level	0.85	0.95	1.5	1.22	1.5	1.09	1.36	1.36	1.22	1.22	1.22	1.36

Computation of CO Direct Attainment
Course :ELE7

**Class: MBA II Sem.-IV      A.Y. 2021-22      Course Code:**

Internal Assessment											External Assessment
Sr. No.		Test-I (10)			Test -II (10)			Seminar	Assignment	Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	20	10	50	50
	Seat No	C01	C02	C03	C04	C05	C06				
1	VZ96101	2	3			2	3	20	10	40	32
2	VZ96102	5	5			4	5	20	10	49	32
3	VZ96103	4	5			4	5	20	10	48	28
4	VZ96104	5	5			4	5	20	10	49	34
5	VZ96105	4	1			2	3	20	10	30	31
6	VZ96106	2		3		2	5	18	10	40	32
7	VZ96107	5		2		5	3	10	10	35	32
8	VZ96108		5	5	4		5	20	10	49	32
9	VZ96109		4	1	2		3	20	10	30	
10	VZ96110		5	2	3	5		20	10	45	33
11	VZ96111		5	5	4	5		20	10	49	32
12	VZ96112		4	3	2	4		17	10	30	32
13	VZ96113		5	5	4	5		20	10	49	32
14	VZ96114		5	5	4	5		20	10	49	32
15	VZ96115	5		5	4	5		20	10	49	32
16	VZ96116	5		5	4	5		20	10	49	32
17	VZ96117	4		1	2	3		20	10	30	32
18	VZ96118	4	1		2		3	20	10	30	25

19	VZ96119	5	3		2		5	15	10	4 0	32
20	VZ96120	5	5			4	5	20	10	4 9	34
21	VZ96121	5	2			3	5	20	10	4 5	33
22	VZ96122	2	3			2	3	20	10	4 0	29
23	VZ96123	2	3			2	3	20	10	4 0	26
24	VZ96124	3	0			3	2	7	5	2 0	20
25	VZ96125	2		3		2	3	20	10	4 0	32
26	VZ96126	2		3		2	3	20	10	4 0	25
27	VZ96127		4	1		2	3	20	10	3 0	30
28	VZ96128		5	5		5	0	10	10	3 5	37
29	VZ96129		5	3	2		3	20	10	4 0	36
30	VZ96130		5	5	5	1		10	10	3 6	28
31	VZ96131		5	2	3	5		20	10	4 5	29
32	VZ96132		2	5	5	3		13	10	3 8	39
33	VZ96133	5		5	2	3		10	10	3 5	31
34	VZ96134	2		5	5	5		10	10	3 7	16
35	VZ96135	5	5		4	5		20	10	4 9	32
36	VZ96136	5	5		4	5		20	10	4 9	34
37	VZ96137	4	5		3		5	20	10	4 6	29
38	VZ96138	5	2		3		5	20	10	4 5	28
39	VZ96139	2	3			2	3	20	10	4 0	29
40	VZ96140	4	5			5	5	20	10	4 9	39
41	VZ96141	2	3			2	3	20	10	4 0	17
42	VZ96142	2		3		2	3	20	10	4 0	
43	VZ96143	2		3		2	3	20	10	4 0	27

44	VZ96144	2		3		2	3	20	10	4 0	28
<b>No. of Students Attempted</b>		<b>31</b>	<b>32</b>	<b>25</b>	<b>22</b>	<b>37</b>	<b>29</b>	<b>44</b>	<b>44</b>	<b>4 4</b>	<b>42</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>14</b>	<b>18</b>	<b>16</b>	<b>12</b>	<b>17</b>	<b>18</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											29
<b>% of students secured &gt;= Threshold marks</b>		<b>45 .1 6</b>	<b>56 .2 5</b>	<b>64</b>	<b>54 .5 5</b>	<b>45 .9 5</b>	<b>62 .0 7</b>				<b>69.05</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1. 8</b>	<b>1. 8</b>	<b>2</b>	<b>1. 8</b>	<b>1. 8</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 32</b>	<b>2. 41</b>	<b>2. 27</b>	<b>2. 2</b>	<b>2. 32</b>	<b>2. 32</b>				
<b>Total CO Attainment</b>		<b>1. 85</b>	<b>1. 86</b>	<b>2. 03</b>	<b>1. 84</b>	<b>1. 85</b>	<b>2. 93</b>				
<b>Average CO Attainment</b>											2.06

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>10</b>	<b>8</b>	<b>9</b>
<b>Level 2</b>	<b>12</b>	<b>12</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>12</b>
<b>Level 3</b>	<b>23</b>	<b>25</b>	<b>21</b>	<b>19</b>	<b>22</b>	<b>23</b>
<b>Total no. of students participated</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
<b>CO Attainment Level</b>	<b>2.32</b>	<b>2.41</b>	<b>2.27</b>	<b>2.2</b>	<b>2.32</b>	<b>2.32</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO11	PO1 2
CO1	1		1	3	2	3	1	2		3	1	3
CO2	2	1		2	1		2	3	2		2	2
CO3	2	2	3		2	3	1	1		1		2
CO4	1	3	1	1	1		2		1	2	1	1
CO5	2			2		1			2	3		
CO6		1	2		2	2	3	2	3		2	
<b>Average PO Attainment</b>	<b>1.6</b>	<b>1.75</b>	<b>1.75</b>	<b>2</b>	<b>1.6</b>	<b>2.25</b>	<b>1.8</b>	<b>2</b>	<b>2</b>	<b>2.25</b>	<b>1.5</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.1</b>	<b>1.2</b>	<b>1.2</b>	<b>1.37</b>	<b>1.1</b>	<b>1.55</b>	<b>1.24</b>	<b>1.37</b>	<b>1.37</b>	<b>1.55</b>	<b>1.03</b>	<b>1.37</b>

Computation of CO Direct Attainment												
Course :PROJ												
Class: MBA II Sem.-IV      A.Y. 2021-22      Couse Code:												
Internal Assessment											External Assesment	
Sr. No.		Test-I (10)			Test -II (10)			Se min ar	Assig nmen t	T ot al	Marks	
	MAX.	Q 1( 5)	Q 2( 5)	Q 3( 5)	Q 1( 5)	Q 2( 5)	Q 3( 5)	20	10	50	50	
	Seat No	C O 1	C O 2	C O 3	C O 4	C O 5	C O 6					
1	VZ96101		5	2	3		5	10	10	35	37	
2	VZ96102		2	4		4	2	20	10	42	45	
3	VZ96103		2	5		2	3	10	10	32	34	

4	VZ96104		5	2		3	4	10	10	3 4	36
5	VZ96105		5	2		3	5	11	10	3 6	38
6	VZ96106	2		5		2	3	10	10	3 2	34
7	VZ96107	2		4		2	3	10	10	3 1	34
8	VZ96108	5	2			3	5	20	10	4 5	45
9	VZ96109	0	0		0		0	0	0	a a	aa
10	VZ96110	5	2		5		5	11	10	3 8	40
11	VZ96111	5	2		3	4		10	10	3 4	38
12	VZ96112	2	5		2	4		10	10	3 3	33
13	VZ96113	2	5		2	3		10	10	3 2	32
14	VZ96114	2		4	4	2		20	10	4 2	42
15	VZ96115	5		2	5	5		11	10	3 8	38
16	VZ96116		2	4	4	2		20	10	4 2	42
17	VZ96117		2	3	2		3	20	10	4 0	40
18	VZ96118		2	5	2		3	10	10	3 2	32
19	VZ96119		5	2	3		4	10	10	3 4	34
20	VZ96120		5	2		3	5	20	10	4 5	45
21	VZ96121	2		4		4	2	20	10	4 2	42
22	VZ96122	5		2		5	5	11	10	3 8	38
23	VZ96123	5	2			5	5	12	10	3 9	39
24	VZ96124	5	2			5	5	11	10	3 8	40
25	VZ96125	2	5			2	3	10	10	3 2	34
26	VZ96126	5	2		3		4	10	10	3 4	36
27	VZ96127	2	5		2		3	10	10	3 2	34
28	VZ96128	2	5		3	3		10	10	3 3	35

29	VZ96129	2	4		4	2		20	10	4 2	44
30	VZ96130	5		2	5	5		11	10	3 8	40
31	VZ96131	5		5	2	5		11	10	3 8	40
32	VZ96132		5	2	5	5		11	10	3 8	40
33	VZ96133		5	2	5	4		11	10	3 7	39
34	VZ96134		5	3	2		5	11	10	3 6	38
35	VZ96135		5	3	2		5	11	10	3 6	40
36	VZ96136		5	2		5	5	11	10	3 8	40
37	VZ96137	2		3		2	3	20	10	4 0	40
38	VZ96138	5		3		2	4	10	10	3 4	38
39	VZ96139	5	2			5	5	11	10	3 8	40
40	VZ96140	5	2			3	5	20	10	4 5	45
41	VZ96141	4	1			2	3	20	10	3 0	32
42	VZ96142	0	0			0	0	0	0	a a	aa
43	VZ96143	5	2		5		5	11	10	3 8	40
44	VZ96144	2	5		2		3	10	10	3 2	34
<b>No. of Students Attempted</b>		<b>29</b>	<b>34</b>	<b>25</b>	<b>24</b>	<b>32</b>	<b>32</b>	<b>44</b>	<b>44</b>	<b>4 2</b>	<b>42</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>12</b>	<b>14</b>	<b>10</b>	<b>11</b>	<b>16</b>	<b>20</b>				
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (50%=25 Marks)</b>											32
<b>% of students secured &gt;= Threshold marks</b>		<b>41 .3 8</b>	<b>41 .1 8</b>	<b>40</b>	<b>45 .8 3</b>	<b>50</b>	<b>62 .5</b>				<b>76.19</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>				<b>2</b>
<b>Direct CO Attainment</b>		<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>1. 8</b>	<b>2</b>				
<b>Indirect CO Attainment Level</b>		<b>2. 45</b>	<b>2. 36</b>	<b>2. 43</b>	<b>2. 14</b>	<b>2. 27</b>	<b>2. 2</b>				
<b>Total CO Attainment</b>		<b>1. 87</b>	<b>1. 86</b>	<b>1. 86</b>	<b>1. 83</b>	<b>1. 85</b>	<b>2. 93</b>				





<b>PO's Attainment at Course Level</b>	<b>0.95</b>	<b>1.3 5</b>	<b>1.3 5</b>	<b>1.2 2</b>	<b>1.2 2</b>	<b>1.4 9</b>	<b>1.1 8</b>	<b>1.35</b>	<b>1.76</b>	<b>0.95</b>	<b>1.22</b>	<b>1.35</b>
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## Computation of CO and PO Attainment

<b>Class: B. Sc.HS III Yr Sem.-V</b>	<b>Course : SFP</b>
<b>A.Y. 2017-18</b>	<b>Course Code: HS-501</b>

Computation of CO Overall Attainment											
Internal Assessment										External Assessment	
Sr.No	Seat No	Test-I (20) (Any four)						Assignment	Total	Marks	
		MAX. MARKS	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	40
		CO1	CO2	CO3	CO4	CO5	CO6				
1	YN2141	5	5			5	5	5	25	14	
2	YN2142	4		3	4	4		5	20	15	
3	YN2143		4	4	3		5	8	24	19	
4	YN2144	2		3		3	2	6	16	21	
5	YN2145		4	4		3	5	8	24	8	
6	YN2146	4	4		4		5	8	25	14	
7	YN2147	4	4	3		5		8	24	25	
8	YN2148	4	4		3		5	8	24	15	
9	YN2149	4		4		5	5	8	26	14	
10	YN2150	2	2		2		2	4	12	16	
11	YN2151	4		4		5	5	8	26	24	
<b>No. of Students Attempted</b>		<b>9</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>9</b>			<b>11</b>	
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		<b>7</b>	<b>6</b>	<b>7</b>	<b>4</b>	<b>7</b>	<b>7</b>				
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										<b>4</b>	
<b>% of students secured &gt;= Threshold marks</b>		<b>77.78</b>	<b>85.71</b>	<b>100</b>	<b>80</b>	<b>100</b>	<b>77.78</b>			<b>36.36</b>	
<b>Attainment Level</b>		<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>			<b>0</b>	
<b>Direct CO Attainment Level</b>		<b>0.4</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.4</b>				
<b>Indirect CO Attainment Level</b>		<b>2.22</b>	<b>2.1</b>	<b>2.34</b>	<b>2.34</b>	<b>2.37</b>	<b>1.49</b>				
<b>Total CO Attainment</b>		<b>0.58</b>	<b>0.75</b>	<b>0.77</b>	<b>0.77</b>	<b>0.78</b>	<b>2.93</b>				
<b>Average CO Attainment</b>		<b>1.1</b>									

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	28	30	22	20	19	26
Level 2	32	42	31	35	33	29
Level 3	53	41	60	58	61	28
Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.22	2.1	2.34	2.34	2.37	1.49

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1		3			1	2		3	1		2	2
CO2	1	2	2	2	2	3	2	2		1	1	1
CO3	2		1	1	2	1	1		2		3	
CO4		2	2	2		1	2	2	1	1		2
CO5	2	2	2	2	2	2	1	2	2		2	1
CO6	3		1	1		2		3	1	2	1	2
Average PO Attainment	2	2.25	1.6	1.6	1.75	1.83	1.5	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	0.73	0.83	0.59	0.59	0.64	0.67	0.55	0.88	0.51	0.49	0.66	0.59

## Computation of CO and PO Attainment

Class: B. Sc.HS III Yr Sem.-V	Course : FBSM
A.Y. 2017-18	Course Code: HS-502

Computation of CO Overall Attainment										
Internal Assessment										External Assessment
Sr.No.	MAX. MARKS	Test-I (20) (Any four)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)			
		CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2141	5	5		5		5	5	26	15
2	YN2142	4		3		4	4	5	21	21
3	YN2143	4	4		3		5	8	25	21
4	YN2144		2	3	2	3		6	17	18
5	YN2145		4	4		3	5	8	25	15
6	YN2146	4	4		5	4		8	26	14
7	YN2147	4		4	3		5	8	25	19
8	YN2148	4	4		3		5	8	25	21
9	YN2149		4	4		5	5	8	27	33
10	YN2150	2	2		2	2		4	11	20
11	YN2151	4		4		5	5	8	27	35
<b>No. of Students Attempted</b>		8	8	6	7	7	8			11
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		7	6	6	5	6	8			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										8
<b>% of students secured &gt;= Threshold marks</b>		87.5	75	100	71.43	85.71	100			72.73
<b>Attainment Level</b>		3	2	3	3	3	3			2
<b>Direct CO Attainment Level</b>		2.2	2	2.2	2.2	2.2	2.2			
<b>Indirect CO Attainment Level</b>		2.29	2.19	2.31	2.3	2.34	2.3			
<b>Total CO Attainment</b>		2.21	2.02	2.21	2.21	2.21	2.93			
<b>Average CO Attainment</b>		2.3								

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	20	25	25	24	23	25
Level 2	40	42	28	31	29	29
Level 3	53	46	60	58	61	59
Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.29	2.19	2.31	2.3	2.34	2.3

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		3			2	2			1		2	2
CO2	3	1	2	2	2		2	2		1		1
CO3	2		3	3	2	1	1		2		3	
CO4		2		2		1	2	2	1	1		2
CO5	2		2	2	2	2	2	2			2	1
CO6	3		1	1		2		3	1	2	1	3
Average PO Attainment	2.5	2	2	2	2	1.6	1.75	2.25	1.25	1.33	2	1.8
PO's Attainment at Course Level	1.92	1.53	1.53	1.53	1.53	1.23	1.34	1.73	0.96	1.02	1.53	1.38

<b>Computation of CO and PO Attainment</b>
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Class: B. Sc.HS III Yr Sem.-V	Course : AO
A.Y. 2017-18	Couse Code: HS-503

Computation of CO Overall Attainment										
Internal Assessment										External Assessment
Sr.No.	MAX. MARKS	Test-I (20) (Any four)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)			
		CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2141	5		5		5	5	5	25	18
2	YN2142	4	4		3		4	5	20	14
3	YN2143		4	4		3	5	8	24	14
4	YN2144	3		2	2	3		6	16	16
5	YN2145	4	3		4		5	8	24	16
6	YN2146		4		4	4	5	8	25	19
7	YN2147	4		4	5	3		8	24	14
8	YN2148		4	4		3	5	8	24	14
9	YN2149	5	4		4	5		8	26	26
10	YN2150	2		2		2	2	4	12	20
11	YN2151	4	5		4		5	8	26	30
No. of Students Attempted		8	7	6	7	8	8			11
In Internal Assesment No. of Students Secured > or = Threshold marks (60%=3Marks)		7	7	4	6	7	7			
In External Assesment No. of Students Secured > or =Threshold marks (40%=16Marks)										5
% of students secured >= Threshold marks		87.5	100	66.67	85.71	87.5	87.5			45.45
Attainment Level		3	3	2	3	3	3			1
Direct CO Attainment Level		1.4	1.4	1.2	1.4	1.4	1.4			
Indirect CO Attainment Level		2.22	2.1	2.34	2.34	2.37	1.49			
Total CO Attainment		1.48	1.47	1.31	1.49	1.5	2.93			
Average CO Attainment		1.7								

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	28	30	22	20	19	26
Level 2	32	42	31	35	33	29
Level 3	53	41	60	58	61	28
Total no. of students participated	113	113	113	113	113	113
CO Attainment Level	2.22	2.1	2.34	2.34	2.37	1.49

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1					3	2		3	3		2	2
CO2	3	2	2		2		2	2		1		1
CO3	2		2	1	2	3	1		2		3	
CO4		2	2	2		1	2	2	1	2		2
CO5	2	2	2	2	2	2	1	2	2		2	
CO6	3		1	1		2	3		1	2	1	2
Average PO Attainment	2.5	2	1.8	1.5	2.25	2	1.8	2.25	1.8	1.67	2	1.75
PO's Attainment at Course Level	1.42	1.13	1.02	0.85	1.28	1.13	1.02	1.28	1.02	0.95	1.13	0.99

Computation of CO and PO Attainment	
Class: B. Sc.HS III Yr Sem.-V	Course : HA
A.Y. 2017-18	Couse Code: HS-504

Computation of CO Overall Attainment

Internal Assessment										External Assessment
Sr.No.		Test-I (20) (Any four)						Assignment	Total	Marks
	MAX. MARKS	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	70
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2141	5		5		5	5	6	26	37
2	YN2142		4	3	4		5	5	21	35
3	YN2143		4	4	4		5	8	25	32
4	YN2144	3	2		3	3		6	17	37
5	YN2145	4		4	5	4		8	25	31
6	YN2146		5	5		5	5	6	26	35
7	YN2147	4	4		4		5	8	25	34
8	YN2148	4		4	4		5	8	25	32
9	YN2149		5	4		5	5	8	27	36
10	YN2150		2	2	2	2		3	11	AA
11	YN2151	5		4		5	5	8	27	25
<b>No. of Students Attempted</b>		6	7	9	7	7	8			10
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		6	5	8	6	6	8			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										10
<b>% of students secured &gt;= Threshold marks</b>		100	71.43	88.89	85.71	85.71	100			100
<b>Attainment Level</b>		3	2	3	3	3	3			3
<b>Direct CO Attainment Level</b>		3	2.8	3	3	3	3			
<b>Indirect CO Attainment Level</b>		2.12	2.17	2.31	2.26	2.33	2.33			
<b>Total CO Attainment</b>		2.91	2.74	2.93	2.93	2.93	2.93			
<b>Average CO Attainment</b>		2.9								

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	35	26	24	27	23	29
Level 2	30	42	30	30	30	30
Level 3	48	45	59	56	60	58
<b>Total no. of students participated</b>	113	113	113	113	113	113



CO Attainment Level	2.12	2.17	2.31	2.26	2.33	2.33
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Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1		3			1	2		3	1		2	2
CO2	1	2	2	2	2	3	2	2		1	1	1
CO3	2		1	1	2	1	1		2		3	
CO4		2	2	2		1	2	2	1	1		2
CO5	2	2	2	2	2	2	1	2	2		2	1
CO6	3		1	1		2		3	1	2	1	2
Average PO Attainment	2	2.25	1.6	1.6	1.75	1.83	1.5	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	1.93	2.18	1.55	1.55	1.69	1.77	1.45	2.32	0.51	0.49	0.66	0.59

Computation of CO and PO Attainment	
Class: B. Sc.HS III Yr Sem.-V	Course : MM
A.Y. 2017-18	Couse Code: HS-505

Computation of CO Overall Attainment					
Internal Assessment					External Assessment
Sr.No.		Test-I (20) (Any four)	Assignment	Total	Marks

	MAX. MARKS	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	70
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2141	5	5	5	5			5	25	36
2	YN2142		4	3		4	4	5	20	25
3	YN2143	4		4	3		5	8	24	25
4	YN2144	3	2		3		2	6	16	26
5	YN2145	4		4		3	5	8	24	25
6	YN2146		4	4	5	4		8	25	25
7	YN2147	4	3	4	5			8	24	26
8	YN2148	4	4			3	5	8	24	26
9	YN2149		4	4	5	5		8	26	43
10	YN2150	2		2	2		2	4	12	AA
11	YN2151	4		4		5	5	8	26	45
<b>No. of Students Attempted</b>		8	7	9	7	6	7			10
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		7	6	8	6	6	5			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										10
<b>% of students secured &gt;= Threshold marks</b>		87.5	85.71	88.89	85.71	100	71.43			100
<b>Attainment Level</b>		3	3	3	3	3	2			3
<b>Direct CO Attainment Level</b>		3	3	3	3	3	2.8			
<b>Indirect CO Attainment Level</b>		2.2	2.06	2.22	2.31	2.32	2.3			
<b>Total CO Attainment</b>		2.92	2.91	2.92	2.93	2.93	2.93			
<b>Average CO Attainment</b>		2.92								

<b>Computation of Indirect CO's Attainment</b>						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	30	33	25	22	23	25
Level 2	30	40	38	34	31	29
Level 3	53	40	50	57	59	59
<b>Total no. of students participated</b>	113	113	113	113	113	113
<b>CO Attainment Level</b>	2.2	2.06	2.22	2.31	2.32	2.3

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1		3			1	2		3	1		2	2
CO2	1	2	2	2	2	3	2	2		1	1	1
CO3	2		1	1	2	1	1		2		3	
CO4		2	2	2		1	2	2	1	1		2
CO5	2	2	2	2	2	2	1	2	2		2	1
CO6	3		1	1		2		3	1	2	1	2
Average PO Attainment	2	2.25	1.6	1.6	1.75	1.83	1.5	2.4	1.4	1.33	1.8	1.6
PO's attainment at Course Level	1.95	2.19	1.56	1.56	1.7	1.78	1.46	2.34	1.36	1.29	1.75	1.56

Computation of CO and PO Attainment	
Class: B. Sc.HS III Yr Sem.-V	Course : HL
A.Y. 2017-18	Couse Code: HS-506

Computation of CO Overall Attainment										
Internal Assessment										External Assessment
Sr. No.	MAX. MARKS	Test-I (20) (Any four)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	70
		CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2141	5		5		5	5	6	26	42
2	YN2142	4		3		4	5	5	21	43

3	YN2143		4	4	4		5	8	25	31
4	YN2144	3		2	3	3		6	17	31
5	YN2145		4	4	4	5		8	25	29
6	YN2146	5		5	5		5	6	26	28
7	YN2147	4	4			4	5	8	25	40
8	YN2148	4		4	5	4		8	25	27
9	YN2149		5	4	5		5	8	27	43
10	YN2150		2	2	2	2		3	11	32
11	YN2151	5		4		5	5	8	27	43
<b>No. of Students Attempted</b>		7	5	10	7	8	7			11
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		7	4	8	6	7	7			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										11
<b>% of students secured &gt;= Threshold marks</b>		100	80	80	85.71	87.5	100			100
<b>Attainment Level</b>		3	3	3	3	3	3			3
<b>Direct CO Attainment Level</b>		3	3	3	3	3	3			
<b>Indirect CO Attainment Level</b>		2.15	2.08	2.32	2.31	2.35	2.3			
<b>Total CO Attainment</b>		2.92	2.91	2.93	2.93	2.94	2.93			
<b>Average CO Attainment</b>		2.93								

Computation of Indirect CO's Attainment						
CO Attainment Level	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	33	32	24	23	22	25
Level 2	30	40	29	32	30	29
Level 3	50	41	60	58	61	59
<b>Total no. of students participated</b>	113	113	113	113	113	113
<b>CO Attainment Level</b>	2.15	2.08	2.32	2.31	2.35	2.3

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1					1	2		1	1	3	2	2

CO2	3	2	2	2	2		2	2		1	1	1
CO3	2		1		2		2		2			
CO4		2		2		1	2	2	1	1		2
CO5	2	2	2	2	2	2	1	2	2		2	
CO6	3		1	1	3	2		3	3	2	1	2
Average PO Attainment	2.5	2	1.5	1.75	2	1.75	1.75	2	1.8	1.75	1.5	1.75
PO's Attainment at Course Level	2.44	1.95	1.47	1.71	1.95	1.71	1.71	1.95	1.76	1.71	1.47	1.71

### Computation of CO and PO Attainment

Class: B. Sc.HS III Yr Sem.-V	Course : AFP
A.Y. 2017-18	Couse Code: HS-601

#### Computation of CO Overall Attainment

Internal Assessment										External Assessment
Sr.No.		Test-I (20) (Any four)						Assignment	Total	Marks
	MAX. MARKS	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	40
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2101		5	5	5	5		6	26	20
2	YN2102		5	5		5	5	8	28	24
3	YN2103	4			4	4	5	8	25	17
4	YN2104		5		5	5	5	6	26	15
5	YN2105	5		5		5	5	6	26	21
6	YN2106	5	5	5	5			6	26	20
7	YN2107	5	5			5	5	6	26	14

8	YN2108	5	5		5	5		8	28	26
9	YN2109	3		4	3	3		5	18	AA
10	YN2110	5	5	5			5	8	28	24
11	YN2111	5		5		5	5	6	26	17
<b>No. of Students Attempted</b>		8	7	7	6	9	7			10
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		8	7	7	6	9	7			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										8
<b>% of students secured &gt;= Threshold marks</b>		100	100	100	100	100	100			80
<b>Attainment Level</b>		3	3	3	3	3	3			3
<b>Direct CO Attainment Level</b>		3	3	3	3	3	3			
<b>Indirect CO Attainment Level</b>		2.15	2.08	2.32	2.31	2.35	2.3			
<b>Total CO Attainment</b>		2.92	2.91	2.93	2.93	2.94	2.93			
<b>Average CO Attainment</b>		2.93								

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
Level 1	18	21	27	15	20	22
Level 2	37	46	28	40	32	31
Level 3	58	46	58	63	61	60
<b>Total no. of students participated</b>	113	113	113	113	113	113
<b>CO Attainment Level</b>	2.35	2.22	2.27	2.51	2.36	2.34

Mapping of CO-PO And Computation of PO's Attainment at Course Level

CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1		1			1			3	1		2	2
CO2	2	2	2	2	2	3	2	2		1	1	1
CO3	2		3	1	2	1	1		2		3	
CO4		2	2	1	3	1	2	2	1	1		2
CO5	2	2	2	2	2	2	1	2	2		2	1
CO6	1		1	1		2	1	3	1	2	1	2
Average PO Attainment	1.75	1.75	2	1.4	2	1.8	1.4	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	1.71	1.71	1.95	1.37	1.95	1.76	1.37	2.34	1.37	1.3	1.76	1.56

Computation of CO and PO Attainment	
Class: B. Sc.HS III Yr Sem.-V	Course : ADFM
A.Y. 2017-18	Couse Code: HS-602

Computation of CO Overall Attainment										
Sr.No.	Internal Assessment									External Assessment Marks
	MAX. MARKS	Test-I (20) (Any four)						Assignment	Total	
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)			
Seat No	CO1	CO2	CO3	CO4	CO5	CO6				
1	YN2101		5	5	5		5	7	27	27
2	YN2102	5		5	5	5		9	29	26

3	YN2103		4	4	5		5	8	26	16
4	YN2104	5		5		5	5	7	27	18
5	YN2105	5	5		5	5		7	27	19
6	YN2106	5	5			5	5	7	27	21
7	YN2107	5		5	5		5	7	27	25
8	YN2108		5	5	5		5	9	29	29
9	YN2109	3		4		3	4	5	19	AA
10	YN2110	5		5	5		5	9	29	33
11	YN2111	5	5			5	5	7	27	18
<b>No. of Students Attempted</b>		8	6	8	7	6	9			10
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		8	6	8	7	6	9			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										9
<b>% of students secured &gt;= Threshold marks</b>		100	100	100	100	100	100			90
<b>Attainment Level</b>		3	3	3	3	3	3			3
<b>Direct CO Attainment Level</b>		3	3	3	3	3	3			
<b>Indirect CO Attainment Level</b>		2.3	2.15	2.27	2.31	2.35	2.33			
<b>Total CO Attainment</b>		2.93	2.92	2.93	2.93	2.94	2.93			
<b>Average CO Attainment</b>		2.93								

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	22	27	20	23	21	21
Level 2	35	42	30	32	31	34
Level 3	56	44	59	58	61	58
<b>Total no. of students participated</b>	113	113	113	113	113	113
<b>CO Attainment Level</b>	2.3	2.15	2.27	2.31	2.35	2.33



Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1		3			1	2		3	1		2	2
CO2	1	2	2	2	2	3	2	2		1	1	1
CO3	2		1	1	2	1	1		2		3	
CO4		2	2	2		1	2	2	1	1		2
CO5	2	2	2	2	2	2	1	2	2		2	1
CO6	3		1	1		2		3	1	2	1	2
Average PO Attainment	2	2.25	1.6	1.6	1.75	1.83	1.5	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	1.95	2.2	1.56	1.56	1.71	1.79	1.47	2.34	1.37	1.3	1.76	1.56

Computation of CO and PO Attainment	
Class: B. Sc.HS III Yr Sem.-V	Course : AM
A.Y. 2017-18	Course Code: HS-603

Computation of CO Overall Attainment										
Internal Assessment										External Assessment
Sr.No.		Test-I (20) (Any four)						Assignment	Total	Marks
	MAX. MARKS	Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	40
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2101	5		5	5	5		6	26	23
2	YN2102		5	5		5	5	8	28	24
3	YN2103		4	4	4		5	8	25	23
4	YN2104	5		5	5		5	6	26	18
5	YN2105	5	5		5	5		6	26	26
6	YN2106	5		5		5	5	6	26	17
7	YN2107		5	5	5		5	6	26	15

8	YN2108		5	5	5		5	8	28	25
9	YN2109	3	3	4		3		5	18	AA
10	YN2110	5			5	5	5	8	28	31
11	YN2111	5		5		5	5	6	26	19
<b>No. of Students Attempted</b>		8	6	8	7	6	9			10
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		8	6	8	7	6	9			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										9
<b>% of students secured &gt;= Threshold marks</b>		100	100	100	100	100	100			90
<b>Attainment Level</b>		3	3	3	3	3	3			3
<b>Direct CO Attainment Level</b>		3	3	3	3	3	3			
<b>Indirect CO Attainment Level</b>		2.2	2.15	2.35	2.38	2.35	2.29			
<b>Total CO Attainment</b>		2.92	2.92	2.94	2.94	2.94	2.93			
<b>Average CO Attainment</b>		2.93								

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
Level 1	30	27	21	15	20	25
Level 2	30	42	32	40	33	30
Level 3	53	44	60	58	60	58
<b>Total no. of students participated</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>
<b>CO Attainment Level</b>	<b>2.2</b>	<b>2.15</b>	<b>2.35</b>	<b>2.38</b>	<b>2.35</b>	<b>2.29</b>

Mapping of CO-PO And Computation of PO's Attainment at Course Level

CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1		3			1	2		3	1		2	2
CO2	1	2	2	2	2	3	2	2		1	1	1
CO3	2		1	1	2	1	1		2		3	
CO4		2	2	2		1	2	2	1	1		2
CO5	2	2	2	2	2	2	1	2	2		2	1
CO6	3		1	1		2		3	1	2	1	2
Average PO Attainment	2	2.25	1.6	1.6	1.75	1.83	1.5	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	1.95	2.2	1.56	1.56	1.71	1.79	1.47	2.34	1.37	1.3	1.76	1.56

## Computation of CO and PO Attainment

Class: B. Sc.HS III Yr Sem.-V	Course : TM
A.Y. 2017-18	Couse Code: HS-604

### Computation of CO Overall Attainment

Internal Assessment											External Assessment
Sr.No.	MAX. MARKS	Test-I (20) (Any four)						Assignment	Total	Marks	
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	70	
		CO1	CO2	CO3	CO4	CO5	CO6				
1	YN2101	5	5			5	5	7	27	38	
2	YN2102	5		5	5		5	9	29	37	
3	YN2103		4	4		5	5	8	26	30	
4	YN2104	5	5	5		5		7	27	31	
5	YN2105		5	5	5		5	7	27	30	
6	YN2106	5	5		5	5		7	27	35	
7	YN2107	5		5	5		5	7	27	26	



CO1	2		1	1	1	2	1	3	1		2	2
CO2		2	2	2	2	3	2	2		1	1	1
CO3	2		1		3		1		2		3	
CO4		2		2		1		2	1	1		2
CO5		2	2	2	2	2	1	2	2		2	1
CO6	1		1	1	1	2		3	1	2	1	2
Average PO Attainment	1.67	2	1.4	1.6	1.8	2	1.25	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	1.63	1.95	1.37	1.56	1.76	1.95	1.22	2.34	1.37	1.3	1.76	1.56

### Computation of CO and PO Attainment

Class: B. Sc.HS III Yr Sem.-V	Course : HRD
A.Y. 2017-18	Course Code: HS-605

#### Computation of CO Overall Attainment

Internal Assessment										External Assessment
Sr.No.	MAX. MARKS	Test-I (20) (Any four)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)			
		CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2101	5	5		5		5	6	26	27
2	YN2102	5		5		5	5	8	28	42
3	YN2103		4	4		4	5	8	25	33
4	YN2104		5	5	5		5	6	26	32
5	YN2105	5		5	5	5		6	26	31

6	YN2106	5	5		5		5	6	26	36
7	YN2107	5		5	5	5		6	26	25
8	YN2108	5		5		5	5	8	28	46
9	YN2109		3	4	3		3	5	18	AA
10	YN2110		5	5		5	5	8	28	47
11	YN2111	5		5		5	5	6	26	27
<b>No. of Students Attempted</b>		8	6	8	7	6	9			10
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		8	6	8	7	6	9			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										9
<b>% of students secured &gt;= Threshold marks</b>		100	100	100	100	100	100			90
<b>Attainment Level</b>		3	3	3	3	3	3			3
<b>Direct CO Attainment Level</b>		3	3	3	3	3	3			
<b>Indirect CO Attainment Level</b>		2.47	2.12	2.31	2.41	2.53	2.32			
<b>Total CO Attainment</b>		2.95	2.91	2.93	2.94	2.95	2.93			
<b>Average CO Attainment</b>		2.94								

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	10	30	21	22	25	22
<b>Level 2</b>	40	40	30	35	39	33
<b>Level 3</b>	63	43	60	60	61	58
<b>Total no. of students participated</b>	113	113	113	113	113	113
<b>CO Attainment Level</b>	2.47	2.12	2.31	2.41	2.53	2.32

Mapping of CO-PO And Computation of PO's Attainment at Course Level												
CO's	Program Outcomes (PO's)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1			1	2		3	1		2	2
CO2	1	2	2	2		3	2	2		1	1	1
CO3					2	1	1		2		3	
CO4	3	2	2	2	3	1		2	1	1		2
CO5	2	2	2	2	2		1	2	2		2	1
CO6	3		1	1		2		3	1	2	1	2
Average PO Attainment	2.2	1.75	1.75	1.75	2	1.8	1.33	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	2.16	1.72	1.72	1.72	1.96	1.76	1.3	2.35	1.37	1.3	1.76	1.57

Computation of CO and PO Attainment	
Class: B. Sc.HS III Yr Sem.-V	Course : ED
A.Y. 2017-18	Couse Code: HS-606

Computation of CO Overall Attainment										
Internal Assessment										External Assessment
Sr.No.	MAX. MARKS	Test-I (20) (Any four)						Assignment	Total	Marks
		Q1(5)	Q2(5)	Q3(5)	Q4(5)	Q5(5)	Q6(5)	10	30	70
		Seat No	CO1	CO2	CO3	CO4	CO5	CO6		
1	YN2101	5		5		5	5	7	27	35

2	YN2102	5	5			5	5	9	29	37
3	YN2103		4	4	5		5	8	26	36
4	YN2104		5	5	5	5		7	27	25
5	YN2105	5		5	5	5		7	27	41
6	YN2106		5	5	5		5	7	27	40
7	YN2107	5		5		5	5	7	27	27
8	YN2108		5		5	5	5	9	29	44
9	YN2109		3		4	3	4	5	19	AA
10	YN2110	5		5	5	5		9	29	48
11	YN2111	5		5		5	5	7	27	25
<b>No. of Students Attempted</b>		<b>8</b>	<b>6</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>9</b>			<b>10</b>
<b>In Internal Assessment No. of Students Secured &gt; or = Threshold marks (60%=3Marks)</b>		<b>8</b>	<b>6</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>9</b>			
<b>In External Assessment No. of Students Secured &gt; or =Threshold marks (40%=16Marks)</b>										<b>9</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>			<b>90</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			<b>3</b>
<b>Direct CO Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>			
<b>Indirect CO Attainment Level</b>		<b>2.27</b>	<b>2.13</b>	<b>2.35</b>	<b>2.35</b>	<b>2.36</b>	<b>2.3</b>			
<b>Total CO Attainment</b>		<b>2.93</b>	<b>2.91</b>	<b>2.94</b>	<b>2.94</b>	<b>2.94</b>	<b>2.93</b>			
<b>Average CO Attainment</b>		<b>2.93</b>								

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>23</b>	<b>28</b>	<b>20</b>	<b>18</b>	<b>20</b>	<b>25</b>
<b>Level 2</b>	<b>37</b>	<b>42</b>	<b>33</b>	<b>37</b>	<b>32</b>	<b>29</b>
<b>Level 3</b>	<b>53</b>	<b>43</b>	<b>60</b>	<b>58</b>	<b>61</b>	<b>59</b>
<b>Total no. of students participated</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>113</b>
<b>CO Attainment Level</b>	<b>2.27</b>	<b>2.13</b>	<b>2.35</b>	<b>2.35</b>	<b>2.36</b>	<b>2.3</b>



**Mapping of CO-PO And Computation of PO's Attainment at Course Level**

CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12
CO1	3			3	1	2	3	3	1		2	2
CO2		2	1		2	1	2	2		1	1	1
CO3	2		1	1		1			2		3	
CO4		2	2	2			2	2	1	1		2
CO5	2	1	2	2	2	2	1	2	2		2	1
CO6	3		1	1		2		3	1	2	1	2
Average PO Attainment	2.5	1.67	1.4	1.8	1.67	1.6	2	2.4	1.4	1.33	1.8	1.6
PO's Attainment at Course Level	2.44	1.63	1.37	1.76	1.63	1.56	1.95	2.34	1.37	1.3	1.76	1.56

Computation of CO Direct Attainment									
Course : AFP									
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2018-19      Course Code: HS-501									
Internal Assessment									External Assessment
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)		
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2251		3	3	4	2		6	24
2	YN2252	3		3	2		4	6	33
3	YN2253		3	3	4	2		6	16
4	YN2254	3		3	2	4		6	19
5	YN2255	3	3		4		2	6	29
6	YN2256	3	3		2		4	6	27
7	YN2257		3	3	2	4		6	26
8	YN2258	3		4		3	4	7	31
9	YN2259		3	3		4	2	6	26
10	YN2260	3	3			2	4	6	25
11	YN2261	4	4		5		3	8	19
12	YN2262	3		3	4		2	6	17
13	YN2263		3	4	3		4	7	23
14	YN2264	3		3		3	3	6	17
15	YN2265	3		3	2	4		6	22
16	YN2266	3	3		4		2	6	22
17	YN2267	3	3			3	3	6	32
18	YN2268		3	3	4		2	6	25
19	YN2269	3		3	4		2	6	21
20	YN2270		3	3		3	3	6	31
<b>No. of Students Attempted</b>		<b>13</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>11</b>	<b>15</b>	<b>20</b>	<b>20</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>8</b>		



CO1	2	3		2	1	3	3	3	2		1	2	3
CO2	1		3	1	2	1	1	1	2		3		1
CO3	2	2	2	3	3	2	2					1	
CO4	2	2		1				1			2	2	1
CO5	1	1	1	3	2	1	1	3	2		3		2
CO6		3	3		1		3		1		2	1	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.2</b>	<b>2.25</b>	<b>2</b>	<b>1.8</b>	<b>1.75</b>	<b>2</b>	<b>2</b>	<b>1.75</b>		<b>2.2</b>	<b>1.5</b>	<b>1.8</b>
<b>PO's Attainment at Course Level</b>	<b>1.47</b>	<b>2.02</b>	<b>2.07</b>	<b>1.84</b>	<b>1.66</b>	<b>1.61</b>	<b>1.84</b>	<b>1.84</b>	<b>1.61</b>		<b>2.02</b>	<b>1.38</b>	<b>1.66</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course : AFSM</b>										
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2018-19      Course Code: HS-502</b>										
<b>Internal Assessment</b>									<b>External Assessment</b>	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)			
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	YN2251		3	4	3	4		7	31	
2	YN2252	3		3		4	2	6	22	
3	YN2253		3	3	2	4		6	10	
4	YN2254	3	4			2	5	7	19	
5	YN2255	2	4		3		3	6	28	
6	YN2256	3		3	2	4		6	21	
7	YN2257	3		3		3	3	6	23	
8	YN2258		4	4	5	3		8	25	

9	YN2259	3		3		4	2	6	24
10	YN2260	4	3		4		3	7	27
11	YN2261	5	4		5		4	9	22
12	YN2262		3	3	3	3		6	20
13	YN2263	4		4	5		3	8	18
14	YN2264		4	3		3	4	7	17
15	YN2265	4	3		4	3		7	27
16	YN2266	3	3		3		3	6	20
17	YN2267	4		3		5	2	7	26
18	YN2268		3	3	3	3		6	19
19	YN2269	3		3	3		3	6	16
20	YN2270	3	3			4	2	6	23
<b>No. of Students Attempted</b>		<b>14</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>20</b>	<b>20</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>11</b>	<b>9</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>7</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>19</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>78.57</b>	<b>69.23</b>	<b>76.92</b>	<b>69.23</b>	<b>71.43</b>	<b>53.85</b>		<b>95</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>		<b>3</b>
<b>Direct CO Attainment</b>		<b>2.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.6</b>		
<b>Indirect CO Attainment Level</b>		<b>2.45</b>	<b>2.5</b>	<b>2.4</b>	<b>2.4</b>	<b>2.4</b>	<b>2.5</b>		
<b>Total CO Attainment</b>		<b>2.77</b>	<b>2.77</b>	<b>2.76</b>	<b>2.76</b>	<b>2.76</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>2.79</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>
<b>Level 2</b>	<b>5</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>4</b>

<b>Level 3</b>	<b>12</b>	<b>13</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
<b>Total no. of students participated</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
<b>CO Attainment Level</b>	<b>2.45</b>	<b>2.5</b>	<b>2.4</b>	<b>2.4</b>	<b>2.4</b>	<b>2.5</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2		2	2	1	2	2	3	1	2	3	
CO2		3		1			1	2	3	1	3	2
CO3	2	2	3		2	3		2	1		1	
CO4	1	3	1	1	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainm ent</b>	<b>1.7 5</b>	<b>2.2 5</b>	<b>2</b>	<b>1.5</b>	<b>1.5</b>	<b>2</b>	<b>1.7 5</b>	<b>2.4</b>	<b>1.8</b>	<b>1.6</b>	<b>2.2</b>	<b>2.2 5</b>
<b>PO's Attainm ent at Course Level</b>	<b>1.6 3</b>	<b>2.0 9</b>	<b>1.8 6</b>	<b>1.4</b>	<b>1.4</b>	<b>1.8 6</b>	<b>1.6 3</b>	<b>2.2 3</b>	<b>1.67</b>	<b>1.4 9</b>	<b>2.0 5</b>	<b>2.0 9</b>

<b>Computation of CO Direct Attainment</b>	
<b>Course : AM</b>	
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2018-19      Couse Code: HS-503</b>	
<b>Internal Assessment</b>	<b>External Assessment</b>

Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)			Q3 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5			CO 6
1	YN2251		3	3		4	2	6	25	
2	YN2252	3		3	3		3	6	26	
3	YN2253		3	3	2	4		6	7	
4	YN2254	3	3			3	3	6	2	
5	YN2255	3	3		4	2		6	25	
6	YN2256	3		3	2	4		6	20	
7	YN2257		3	3		3	3	6	7	
8	YN2258	4		4	4		4	8	26	
9	YN2259	3	3		3	3		6	16	
10	YN2260	3	3			2	4	6	19	
11	YN2261		4	4	3		5	8	16	
12	YN2262	3		3		3	3	6	12	
13	YN2263		3	4	4		3	7	16	
14	YN2264		3	3	3		3	6	5	
15	YN2265	3	3			4	2	6	18	
16	YN2266	3		3	2	4		6	0	
17	YN2267		3	3	4		2	6	25	
18	YN2268	3		3		3	3	6	20	
19	YN2269	3	3		3	3		6	16	
20	YN2270		3	3	2		4	6	27	
<b>No. of Students Attempted</b>		<b>12</b>	<b>14</b>	<b>14</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>20</b>	<b>20</b>	
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>9</b>	<b>10</b>	<b>11</b>	<b>7</b>	<b>8</b>	<b>9</b>			
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>14</b>	
<b>% of students secured &gt;= Threshold marks</b>		<b>75</b>	<b>71.43</b>	<b>78.57</b>	<b>53.85</b>	<b>61.54</b>	<b>64.29</b>		<b>70</b>	
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>		<b>2</b>	
<b>Direct CO Attainment</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2</b>			

Indirect CO Attainment Level	2.5 5	2.5	2.6	2.4 5	2.6	2.7 5		
Total CO Attainment	2.0 6	2.0 5	2.0 6	1.8 7	2.0 6	2.9 3		
Average CO Attainment								2.17

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	2	3	2	3	2	1
Level 2	5	4	4	5	4	3
Level 3	13	13	14	12	14	16
Total no. of students participated	20	20	20	20	20	20
CO Attainment Level	2.55	2.5	2.6	2.45	2.6	2.75

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO1 1	PO1 2
CO1	2	1	3	2		3	1	2		3	1	3
CO2	2		2	1	3	2	2	3	2		2	2
CO3		2	2	2		1	1	1		1		2
CO4	3	2	1	1	2	2	2		1	2	1	1
CO5	1	3			1	1			2	3		
CO6		1	1	3	2		3	2	3		2	



Average PO Attainment	2	1.8	1.8	1.8	2	1.8	1.8	2	2	2.25	1.5	2
PO's Attainment at Course Level	1.45	1.3	1.3	1.3	1.45	1.3	1.3	1.45	1.45	1.63	1.09	1.45

Computation of CO Direct Attainment										
Course : TM										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2018-19      Course Code: HS-504										
Internal Assessment									External Assessment	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40	
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	YN2251	4	3		5	2		7	20	
2	YN2252		3	3		3	3	6	16	
3	YN2253		3	3	3		3	6	18	
4	YN2254	4		3	2	5		7	8	
5	YN2255		3	3		3	3	6	20	
6	YN2256	3	3		4		2	6	16	
7	YN2257	3	3		2		4	6	12	
8	YN2258	4		4	3		5	8	16	
9	YN2259		3	3		3	3	6	25	
10	YN2260	4		3		4	3	7	18	
11	YN2261	5	4		5	4		9	19	
12	YN2262	3	3		3	3		6	9	
13	YN2263		4	4		4	4	8	16	
14	YN2264	3		4		4	3	7	18	
15	YN2265		4	3	5	2		7	20	



CO Attainment Level	2.45	2.35	2.6	2.55	2.65	2.45
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COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO10	PO11	PO12
CO1	3	2	3		2	2	1		3	1	3	1
CO2		1		3	1			1	1	2		
CO3	3		1	2	3	3	3	2	3	1	3	2
CO4	2	2	2		1		2		1			2
CO5		3		1		2	3	1	3	2	1	
CO6	1		1	2		1		3		1	2	2
<b>Average PO Attainment</b>	<b>2.25</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>1.75</b>	<b>2</b>	<b>2.25</b>	<b>1.75</b>	<b>2.2</b>	<b>1.4</b>	<b>2.25</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>2.1</b>	<b>1.87</b>	<b>1.63</b>	<b>1.87</b>	<b>1.63</b>	<b>1.87</b>	<b>2.1</b>	<b>1.63</b>	<b>2.05</b>	<b>1.31</b>	<b>2.1</b>	<b>1.63</b>

Computation of CO Direct Attainment										
Course : HRD										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2018-19      Course Code: HS-505										
Internal Assessment									External Assessment	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40	
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	YN2251	3	3		3	3		6	17	
2	YN2252		3	3		3	3	6	21	

3	YN2253	3		3	3	3		6	4
4	YN2254		3	3	2	4		6	2
5	YN2255	3		3		4	2	6	21
6	YN2256		3	3	2		4	6	17
7	YN2257	3	3		3		3	6	1
8	YN2258	4	3		4	3		7	24
9	YN2259	3		3	2		4	6	30
10	YN2260		3	3		3	3	6	26
11	YN2261	4		4		4	4	8	20
12	YN2262	3	3		4	2		6	16
13	YN2263	4	3		3		4	7	16
14	YN2264	3	3		4		2	6	17
15	YN2265		3	3		3	3	6	16
16	YN2266	3		3	3	3		6	6
17	YN2267		3	3	3	3		6	30
18	YN2268	3		3		2	4	6	16
19	YN2269		3	3	3		3	6	25
20	YN2270		3	3		4	2	6	29
<b>No. of Students Attempted</b>		<b>12</b>	<b>14</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>20</b>	<b>20</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>9</b>	<b>11</b>	<b>10</b>	<b>8</b>	<b>7</b>	<b>9</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>16</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>75</b>	<b>78.57</b>	<b>71.43</b>	<b>61.54</b>	<b>50</b>	<b>69.23</b>		<b>80</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>		<b>3</b>
<b>Direct CO Attainment</b>		<b>2.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.6</b>	<b>2.8</b>		
<b>Indirect CO Attainment Level</b>		<b>2.65</b>	<b>2.55</b>	<b>2.7</b>	<b>2.45</b>	<b>2.55</b>	<b>2.35</b>		
<b>Total CO Attainment</b>		<b>2.79</b>	<b>2.78</b>	<b>2.79</b>	<b>2.77</b>	<b>2.6</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>2.78</b>

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	2	1	3	2	4
Level 2	5	5	4	5	5	5
Level 3	14	13	15	12	13	11
Total no. of students participated	20	20	20	20	20	20
CO Attainment Level	2.65	2.55	2.7	2.45	2.55	2.35

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO1 1	PO1 2
CO1	2	3	2	3	3	3	1	3	1	2		3
CO2		2		1			2	2	2		1	
CO3	1	1	1	2	2	1	3	1		1	3	2
CO4		2	3			2	1		3	1		1
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	1.67	1.8	2	2	2.33	1.8	2	2.2	2	1.4	2	2.2

PO's Attainment at Course Level	1.55	1.67	1.85	1.85	2.16	1.67	1.85	2.04	1.85	1.3	1.85	2.04
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Computation of CO Direct Attainment									
Course : ED									
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2018-19      Course Code: HS-506									
Internal Assessment									External Assessment
Sr.No.	MAX.	Test-I (10)			Test-II (10)			Total	Marks
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)		
		CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2251	4		3		5	2	7	17
2	YN2252	3	3		2		4	6	28
3	YN2253		3	3	4	2		6	3
4	YN2254	3		4	2		5	7	AA
5	YN2255		3	3	4		2	6	29
6	YN2256		3	3	3	3		6	19
7	YN2257	3	3		5	1		6	17
8	YN2258	4		4		3	5	8	25
9	YN2259		3	3		4	2	6	19
10	YN2260	4		3	2	5		7	22
11	YN2261	5	4		4	5		9	16
12	YN2262	3	3			2	4	6	AA
13	YN2263	4	4		4	4		8	16
14	YN2264		3	4		2	5	7	17
15	YN2265	3		4	2	5		7	16
16	YN2266		3	3	3		3	6	6
17	YN2267	4	3		3		4	7	24
18	YN2268	3		3	3	3		6	17
19	YN2269	3		3	2	4		6	17

20	YN2270	3	3		4		2	6	29
<b>No. of Students Attempted</b>		<b>14</b>	<b>13</b>	<b>13</b>	<b>15</b>	<b>14</b>	<b>11</b>	<b>20</b>	<b>18</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>11</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>5</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>16</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>78.57</b>	<b>76.92</b>	<b>69.23</b>	<b>53.33</b>	<b>64.29</b>	<b>45.45</b>		<b>88.89</b>
<b>Attainment Level</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>3</b>
<b>Direct CO Attainment</b>		<b>2.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.6</b>	<b>2.8</b>	<b>2.6</b>		
<b>Indirect CO Attainment Level</b>		<b>2.6</b>	<b>2.5</b>	<b>2.5</b>	<b>2.75</b>	<b>2.65</b>	<b>2.35</b>		
<b>Total CO Attainment</b>		<b>2.78</b>	<b>2.77</b>	<b>2.77</b>	<b>2.62</b>	<b>2.79</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>2.78</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>4</b>
<b>Level 2</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>5</b>
<b>Level 3</b>	<b>14</b>	<b>15</b>	<b>13</b>	<b>16</b>	<b>15</b>	<b>11</b>
<b>Total no. of students participated</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
<b>CO Attainment Level</b>	<b>2.6</b>	<b>2.5</b>	<b>2.5</b>	<b>2.75</b>	<b>2.65</b>	<b>2.35</b>

**COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL**

CO's	Program Outcomes (PO'S)												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
CO1		1	3	2	3	1			3		2	2	1
CO2	2		2	3		3	1	1			1		3
CO3	3	3	3	1	1		2	3	1				2
CO4		1			2	2	1	1	2		2	2	
CO5	1	3	2	1	1		3		3		1	1	1
CO6	3		1	2	2	2	1	2	1			3	3
<b>Average PO Attainment</b>	<b>2.25</b>	<b>2</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>2</b>	<b>1.6</b>	<b>1.75</b>	<b>2</b>		<b>1.5</b>	<b>2</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>2.09</b>	<b>1.85</b>	<b>2.04</b>	<b>1.67</b>	<b>1.67</b>	<b>1.85</b>	<b>1.48</b>	<b>1.62</b>	<b>1.85</b>		<b>1.39</b>	<b>1.85</b>	<b>1.85</b>



Computation of CO Direct Attainment									
Course : AFP									
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2019-20      Couse Code: HS-501									
Internal Assessment									External Assessment
Sr.No.		Test-I (10)			Test-II (10)			To tal	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2361		3	3	4	2		6	20
2	YN2362	4		4		4	4	8	23
3	YN2363		3	4	4	3		7	16
4	YN2364	4	3			4	3	7	19
5	YN2365	3	3		3	3		6	17
6	YN2366	3		3		3	3	6	20
7	YN2367		3	3	4		2	6	22
8	YN2368	3		4		4	3	7	18
9	YN2369	3	3		3		3	6	16
10	YN2370	4	4		5		3	8	25
11	YN2371		3	4	5	2		7	19
12	YN2372	3		3		3	3	6	18
13	YN2373		4	4	4		4	8	22
14	YN2374		3	3	2	4		6	22
15	YN2375	3	3			3	3	6	19
16	YN2376	4		3	3	4		7	20
17	YN2377		4	4		4	4	8	22
18	YN2378	4		4	5	3		8	27
19	YN2379	3	3			3	3	6	17
20	YN2380	4	3		3		4	7	25
21	YN2381		4	4		4	4	8	26
22	YN2382	4		4	4		4	8	27
23	YN2383		4	4	5	3		8	22



CO Attainment Level	2.55	2.41	2.52	2.79	2.62	2.52
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COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO1 1	PO1 2
CO1	3	1	3	1	2	3	2	3	5	2	3	1
CO2	2	3	2	1	2	1	2	2	2	1	1	2
CO3	2	2	3		2	3		2	1		1	
CO4	1	3	1	1	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	2	2	2.2	1.25	1.8	2	2	2.4	2.4	1.6	1.8	2
PO's Attainment at Course Level	1.37	1.37	1.5	0.85	1.23	1.37	1.37	1.64	1.64	1.09	1.23	1.37

Computation of CO Direct Attainment										
Course : AFSM										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2019-20      Couse Code: HS-502										
Internal Assessment									External Assessment	
Sr.No.	Test-I (10)			Test-II (10)			Total	Marks		
MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40		
Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				



<b>% of students secured &gt;= Threshold marks</b>	<b>50</b>	<b>50</b>	<b>55</b>	<b>50</b>	<b>57.89</b>	<b>38.1</b>		<b>68.97</b>
<b>Attainment Level</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>FA LSE</b>		<b>2</b>
<b>Direct CO Attainment</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.6</b>		
<b>Indirect CO Attainment Level</b>	<b>2.48</b>	<b>2.45</b>	<b>2.59</b>	<b>2.59</b>	<b>2.69</b>	<b>2.76</b>		
<b>Total CO Attainment</b>	<b>1.87</b>	<b>1.87</b>	<b>1.88</b>	<b>1.88</b>	<b>1.89</b>	<b>2.93</b>		
<b>Average CO Attainment</b>								<b>2.05</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>2</b>
<b>Level 2</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>3</b>
<b>Level 3</b>	<b>19</b>	<b>18</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>24</b>
<b>Total no. of students participated</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>
<b>CO Attainment Level</b>	<b>2.48</b>	<b>2.45</b>	<b>2.59</b>	<b>2.59</b>	<b>2.69</b>	<b>2.76</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>
<b>CO2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>			<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>3</b>

CO3	2	2	2	2	2	3	1	2	1		1	
CO4	1	3	1	2	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2</b>	<b>1.6</b>	<b>2</b>	<b>1.75</b>	<b>2.25</b>	<b>1.8</b>	<b>2.6</b>	<b>2</b>	<b>1.8</b>	<b>2</b>	<b>2.4</b>
<b>PO's Attainment at Course Level</b>	<b>1.37</b>	<b>1.37</b>	<b>1.09</b>	<b>1.37</b>	<b>1.2</b>	<b>1.54</b>	<b>1.23</b>	<b>1.78</b>	<b>1.37</b>	<b>1.23</b>	<b>1.37</b>	<b>1.64</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course : AM</b>										
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2019-20      Course Code: HS-503</b>										
<b>Internal Assessment</b>									<b>External Assessment</b>	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
		MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)			Q3 (5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5			CO 6
1	YN2361		3		3	3		3	6	20
2	YN2362		4		4		4	4	8	17
3	YN2363			3	4	3	4		7	17
4	YN2364			3	4		4	3	7	16
5	YN2365		3		3	3		3	6	21
6	YN2366		3		3	3	3		6	27
7	YN2367		3	3			3	3	6	19
8	YN2368		3	4		3	4		7	27
9	YN2369			3	3	3		3	6	20
10	YN2370		4		4		4	4	8	22
11	YN2371			4	3	4	3		7	23
12	YN2372		3	3		3		3	6	25

13	YN2373	4		4		4	4	8	16
14	YN2374		3	3	3	3		6	16
15	YN2375	3		3	3		3	6	18
16	YN2376	3	4			3	4	7	28
17	YN2377	4	4		5	3		8	22
18	YN2378		4	4		3	5	8	29
19	YN2379	3		3		3	3	6	33
20	YN2380	4		3	5	2		7	21
21	YN2381		4	4	3	5		8	31
22	YN2382	4	4			5	3	8	34
23	YN2383	4	4		4		4	8	19
24	YN2384	3		4	3	4		7	25
25	YN2385		3	3		3	3	6	20
26	YN2386	3		4		4	3	7	19
27	YN2387		3	4	4	3		7	16
28	YN2388	3		3	3		3	6	21
29	YN2389	3	3			3	3	6	24
<b>No. of Students Attempted</b>		<b>20</b>	<b>17</b>	<b>21</b>	<b>17</b>	<b>22</b>	<b>19</b>	<b>29</b>	<b>29</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>11</b>	<b>9</b>	<b>10</b>	<b>8</b>	<b>11</b>	<b>10</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>20</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>55</b>	<b>52.94</b>	<b>47.62</b>	<b>47.06</b>	<b>50</b>	<b>52.63</b>		<b>68.97</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>2</b>
<b>Direct CO Attainment</b>		<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>		
<b>Indirect CO Attainment Level</b>		<b>2.5</b>	<b>2.5</b>	<b>2.6</b>	<b>2.6</b>	<b>2.7</b>	<b>2.6</b>		
<b>Total CO Attainment</b>		<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.9</b>	<b>2.9</b>		
<b>Average CO Attainment</b>		<b>7</b>	<b>7</b>	<b>8</b>	<b>8</b>		<b>3</b>		<b>2.06</b>

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	4	3	2	3	2	3
Level 2	6	8	7	5	3	5
Level 3	19	18	20	21	24	21
Total no. of students participated	29	29	29	29	29	29
CO Attainment Level	2.52	2.52	2.62	2.62	2.76	2.62

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO1 1	PO1 2
CO1	3	2	3	2	2	3	1	2	3	3	1	3
CO2	1	3		1			1	2	3	1	3	2
CO3	2	2	3		2	3		2	1		1	
CO4	3	1	2	3	2	2	3	1	3	1	1	3
CO5	2			2		1	3	2	1	1		3
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainment	2.2	1.8	2.5	2	2	2.2	2	2	2.33	1.6	1.6	2.6
PO's Attainment at Course Level	1.51	1.24	1.72	1.37	1.37	1.51	1.37	1.37	1.6	1.1	1.1	1.79



Computation of CO Direct Attainment									
Course : TM									
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2019-20      Course Code: HS-504									
Internal Assessment									External Assessment
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2361		3	4	3	4		7	18
2	YN2362		4	5		5	4	9	24
3	YN2363	4		4	4		4	8	16
4	YN2364		4	4	4	4		8	24
5	YN2365	4	3		4	3		7	17
6	YN2366	4		3	3		4	7	19
7	YN2367		4	3		3	4	7	25
8	YN2368	4		4	3	5		8	20
9	YN2369	3	3		4	2		6	18
10	YN2370	5	4			5	4	9	24
11	YN2371		4	4	4		4	8	21
12	YN2372	3		4	3		4	7	21
13	YN2373		4	5		4	5	9	23
14	YN2374	4	3		4	3		7	16
15	YN2375	4	3		3		4	7	20
16	YN2376	4		4		4	4	8	30
17	YN2377		5	4	4	5		9	16
18	YN2378		5	4	4		5	9	27
19	YN2379	3		3		3	3	6	26
20	YN2380	4	4		4	4		8	25
21	YN2381	5	4		4	5		9	29
22	YN2382		4	5		5	4	9	35

23	YN2383	4		5	4		5	9	19
24	YN2384	4		4	4	4		8	19
25	YN2385		3	4		3	4	7	17
26	YN2386	4	4		4		4	8	28
27	YN2387	4	4		4		4	8	19
28	YN2388		3	4		4	3	7	21
29	YN2389	4		3		4	3	7	16
<b>No. of Students Attempted</b>		<b>18</b>	<b>20</b>	<b>20</b>	<b>19</b>	<b>20</b>	<b>19</b>	<b>29</b>	<b>29</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>11</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>20</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>55.56</b>	<b>50</b>	<b>50</b>	<b>47.37</b>	<b>50</b>	<b>57.89</b>		<b>68.97</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>2</b>
<b>Direct CO Attainment</b>		<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>		
<b>Indirect CO Attainment Level</b>		<b>2.48</b>	<b>2.52</b>	<b>2.28</b>	<b>2.48</b>	<b>2.48</b>	<b>2.45</b>		
<b>Total CO Attainment</b>		<b>1.87</b>	<b>1.87</b>	<b>1.85</b>	<b>1.87</b>	<b>1.87</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>2.04</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>5</b>
<b>Level 2</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>6</b>
<b>Level 3</b>	<b>18</b>	<b>19</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>18</b>

Total no. of students participated	29	29	29	29	29	29
CO Attainment Level	2.48	2.52	2.28	2.48	2.48	2.45

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO1 1	PO1 2
CO1	1	2	1	3	2	3	1	2	2	3	1	2
CO2	2	2	1	1			1	2	3	1	3	2
CO3	2	3	2		2	3		2	1		1	
CO4	1	3	1	1	1		1			2	2	2
CO5	2	1	3	1	2	2	3	2	2	3	3	1
CO6	1	2	2	1	1	3	2	3	3	2	1	3
Average PO Attainment	1.5	2.17	1.67	1.4	1.6	2.75	1.6	2.2	2.2	2.2	1.83	2
PO's Attainment at Course Level	1.02	1.48	1.14	0.95	1.09	1.87	1.09	1.5	1.5	1.5	1.24	1.36

Computation of CO Direct Attainment										
Course : HRD										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2019-20      Couse Code: HS-505										
Internal Assessment									External Assessment	
Sr.No.	Test-I (10)			Test-II (10)			Total	Marks		
MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40		
Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6				

1	YN2361	3	3		3		3	6	22
2	YN2362		4	4		4	4	8	21
3	YN2363		3	4	4	3		7	35
4	YN2364	4	3		3	4		7	38
5	YN2365	3		3		3	3	6	18
6	YN2366		3	3	3		3	6	19
7	YN2367	3		3	3	3		6	30
8	YN2368	4		3		3	4	7	17
9	YN2369		3	3		3	3	6	32
10	YN2370	4		4	4	4		8	16
11	YN2371	4	3			3	4	7	19
12	YN2372	3	3		3		3	6	20
13	YN2373		4	4	4	4		8	21
14	YN2374	3		3		3	3	6	26
15	YN2375		3	3	3		3	6	17
16	YN2376	4	3		3	4		7	21
17	YN2377		4	4		4	4	8	18
18	YN2378	4	4		4		4	8	32
19	YN2379	3		3	3	3		6	16
20	YN2380		4	3		3	4	7	22
21	YN2381	4		4	4		4	8	30
22	YN2382	4	4		4	4		8	19
23	YN2383		4	4		5	3	8	18
24	YN2384	3		4	4		3	7	21
25	YN2385	3		3	2		4	6	17
26	YN2386		3	4		4	3	7	28
27	YN2387	4	3		5	2		7	16
28	YN2388	3		3	2		4	6	38
29	YN2389	3	3			3	3	6	24
<b>No. of Students Attempted</b>		<b>19</b>	<b>19</b>	<b>20</b>	<b>18</b>	<b>20</b>	<b>20</b>	<b>29</b>	<b>29</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>11</b>		

In External Assessment No. of Students Secured $\geq$ Threshold marks (40%=16 Marks)								20
% of students secured $\geq$ Threshold marks	52.63	52.63	50	44.44	40	55		68.97
Attainment Level	1	1	1	1	1	1		2
Direct CO Attainment	1.8	1.8	1.8	1.8	1.8	1.8		
Indirect CO Attainment Level	2.66	2.59	2.79	2.79	2.86	2.9		
Total CO Attainment	1.89	1.88	1.9	1.9	1.91	2.93		
Average CO Attainment								2.07

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	1	2	1	2	1	1
Level 2	8	5	4	2	2	1
Level 3	20	21	24	25	26	27
Total no. of students participated	29	29	29	29	29	29
CO Attainment Level	2.66	2.59	2.79	2.79	2.86	2.9

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL													
CO's	Program Outcomes (PO'S)												
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO1 0	PO1 1	PO1 2	
CO1	1	3	3	1	3	1	3	1	3		2	3	2
CO2		3		1			1	2	3		1	3	2

CO3	3	2	1	2	3	2	2	1	1	1	2	3
CO4	1	3	1	1	1		1			2	2	2
CO5	2	3		3	3	1	3	2	1	1		3
CO6	1	1	2	2	2	2	2	3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.6</b>	<b>2.5</b>	<b>1.75</b>	<b>1.67</b>	<b>2.4</b>	<b>1.5</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.5</b>	<b>2.4</b>	<b>2.33</b>
<b>PO's Attainment at Course Level</b>	<b>1.1</b>	<b>1.73</b>	<b>1.21</b>	<b>1.15</b>	<b>1.66</b>	<b>1.04</b>	<b>1.38</b>	<b>1.24</b>	<b>1.52</b>	<b>1.04</b>	<b>1.66</b>	<b>1.61</b>

Computation of CO Direct Attainment										
Course : ED										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2019-20      Course Code: HS-506										
Internal Assessment									External Assessment	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40	
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	YN2361	4		3	3	4		7	16	
2	YN2362	4		5		5	4	9	25	
3	YN2363	4		4	4		4	8	16	
4	YN2364	4	4		3	5		8	24	
5	YN2365	4	3			2	5	7	19	
6	YN2366		3	4	5		2	7	20	
7	YN2367	3		4	3	4		7	28	
8	YN2368	4		4		4	4	8	27	
9	YN2369		3	3	3		3	6	7	
10	YN2370	4	5		4	5		9	18	
11	YN2371	4	4			3	5	8	21	
12	YN2372	4		3	5		2	7	21	
13	YN2373	4		5	5		4	9	18	

14	YN2374		4	3		4	3	7	22
15	YN2375		4	3	4	3		7	16
16	YN2376	4		4	5		3	8	22
17	YN2377	4		5		4	5	9	23
18	YN2378	4	5		5	4		9	25
19	YN2379	3	3		3	3		6	37
20	YN2380		4	4		4	4	8	22
21	YN2381	5		4		4	5	9	27
22	YN2382	5		4	5	4		9	26
23	YN2383		5	4	5		4	9	19
24	YN2384	4	4			4	4	8	20
25	YN2385	4	3		4	3		7	18
26	YN2386	4		4	4		4	8	19
27	YN2387		4	4		5	3	8	21
28	YN2388	4		3	5	2		7	16
29	YN2389	4	3		3		4	7	20
<b>No. of Students Attempted</b>		<b>22</b>	<b>16</b>	<b>20</b>	<b>19</b>	<b>20</b>	<b>19</b>	<b>29</b>	<b>29</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>11</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>20</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>50</b>	<b>56.25</b>	<b>50</b>	<b>52.63</b>	<b>50</b>	<b>47.37</b>		<b>68.97</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>2</b>
<b>Direct CO Attainment</b>		<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>		
<b>Indirect CO Attainment Level</b>		<b>2.6</b>	<b>2.5</b>	<b>2.5</b>	<b>2.4</b>	<b>2.6</b>	<b>2.4</b>		
		<b>6</b>	<b>2</b>	<b>5</b>	<b>8</b>	<b>2</b>	<b>5</b>		
<b>Total CO Attainment</b>		<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>2.9</b>		
		<b>9</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>3</b>		
<b>Average CO Attainment</b>									<b>2.05</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>

<b>Level 1</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>4</b>
<b>Level 2</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>9</b>	<b>8</b>
<b>Level 3</b>	<b>21</b>	<b>19</b>	<b>20</b>	<b>18</b>	<b>19</b>	<b>17</b>
<b>Total no. of students participated</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>
<b>CO Attainment Level</b>	<b>2.66</b>	<b>2.52</b>	<b>2.55</b>	<b>2.48</b>	<b>2.62</b>	<b>2.45</b>

<b>COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	2	3	2	3	2	1	3	1	3	3	1	3
CO2	1	1	1	2	3	3	2	3	2	2	3	2
CO3	2	2	3		2	3		2	1		1	2
CO4	1	3	1	2	1	3	1	3	2	2	2	
CO5	2	1		2		1	3	2	1	1		3
CO6	3	1	2		2	2		3	3	2	2	2
<b>Average PO Attainment</b>	<b>1.83</b>	<b>1.83</b>	<b>1.8</b>	<b>2.25</b>	<b>2</b>	<b>2.17</b>	<b>2.25</b>	<b>2.33</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>2.4</b>
<b>PO's Attainment at Course Level</b>	<b>1.25</b>	<b>1.25</b>	<b>1.23</b>	<b>1.54</b>	<b>1.37</b>	<b>1.48</b>	<b>1.54</b>	<b>1.59</b>	<b>1.37</b>	<b>1.37</b>	<b>1.23</b>	<b>1.64</b>



Computation of CO Direct Attainment									
Course : AFP									
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2020-21      Couse Code: HS-501									
Internal Assessment									External Assessment
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	40
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6		
1	YN2501		3	2		2	3	5	36
2	YN2502		3	3	3		3	6	21
3	YN2503	3		3	3	3		6	26
4	YN2504	3		4		3	4	7	34
5	YN2505		3	3	4		2	6	36
6	YN2506	3	3		2	4		6	27
7	YN2507	3	3			4	3	6	26
8	YN2508	3	3			2	4	6	20
9	YN2509	3		4	4		3	7	33
10	YN2510	3		3	3			6	35
11	YN2511		2	3		2		5	34
12	YN2512		3	3		3		6	25
13	YN2513	3		2	3		3	5	32
14	YN2514	3	2		2	3		5	27
15	YN2515	2	3			3	3	5	23
16	YN2516		3	3	3		3	6	36
17	YN2517	2		3	2		3	5	28
18	YN2518	3		4		3	4	7	27
19	YN2519	3		3	3	3		6	20
20	YN2520		3	3	3		3	6	30
21	YN2521		3	3		2	4	6	31
22	YN2522	3	2		3	3		5	27
23	YN2523	3	3		3		3	6	32

24	YN2524	4		3		4	3	7	25
25	YN2525	3		3	3	3		6	29
26	YN2526		3	3		3	3	5	26
27	YN2527		3	3	3		3	6	28
28	YN2528	3		3	3	4		6	28
29	YN2529	3	3			3	3	6	35
30	YN2530	3	3		4		3	6	28
31	YN2531		3	3	3	3		5	32
32	YN2532	3		3		3	3	6	32
33	YN2533		3	3	3		3	5	36
34	YN2534	3		3	3	4		6	29
35	YN2535		3	3		3	4	6	22
<b>No. of Students Attempted</b>		<b>22</b>	<b>22</b>	<b>26</b>	<b>21</b>	<b>23</b>	<b>23</b>	<b>35</b>	<b>35</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>9</b>	<b>9</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>10</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>20</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>40.9</b>	<b>40.9</b>	<b>42.3</b>	<b>42.8</b>	<b>43.4</b>	<b>43.4</b>		<b>57.14</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		
<b>Indirect CO Attainment Level</b>		<b>2.4</b>	<b>2.43</b>	<b>2.49</b>	<b>2.63</b>	<b>2.66</b>	<b>2.57</b>		
<b>Total CO Attainment</b>		<b>1.14</b>	<b>1.14</b>	<b>1.15</b>	<b>1.16</b>	<b>1.17</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>3</b>
<b>Level 2</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>9</b>

<b>Level 3</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>24</b>	<b>25</b>	<b>23</b>
<b>Total no. of students participated</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>
<b>CO Attainment Level</b>	<b>2.4</b>	<b>2.43</b>	<b>2.49</b>	<b>2.63</b>	<b>2.66</b>	<b>2.57</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO1 0</b>	<b>PO1 1</b>	<b>PO1 2</b>
CO1	1	2	1	3	2	1	2	1	3	2	1	3
CO2	2		2		1		1		1		2	1
CO3		2		2	3	2	3	2	2	1	2	2
CO4	1	3	1	1	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6	3	2	3	1	3	2	2	3	1	3	1	2
<b>Average PO Attainm ent</b>	<b>1.8</b>	<b>2.2 5</b>	<b>1.7 5</b>	<b>1.8</b>	<b>2</b>	<b>1.5</b>	<b>2</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>	<b>1.6</b>	<b>2.1 7</b>
<b>PO's Attainm ent at Course Level</b>	<b>0.87</b>	<b>1.0 9</b>	<b>0.8 5</b>	<b>0.8 7</b>	<b>0.9 7</b>	<b>0.7 3</b>	<b>0.9 7</b>	<b>0.9 7</b>	<b>0.77</b>	<b>0.8 7</b>	<b>0.7 7</b>	<b>1.0 5</b>

<b>Computation of CO Direct Attainment</b>
<b>Course : AFSM</b>
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2020-21      Course Code: HS-502</b>

Internal Assessment									External Assessment
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks
	MAX.	Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)	10	40
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2501		2	3		2	3	5	29
2	YN2502	3		3		3	3	6	18
3	YN2503		3	3	3		3	6	21
4	YN2504	4	3		3	4		7	29
5	YN2505	3	3			3	3	6	30
6	YN2506	3		3	4		2	6	18
7	YN2507		3	3	2		4	6	27
8	YN2508	3		3		4	2	6	25
9	YN2509	4	3		4	3		7	27
10	YN2510	3	3		3	3		6	29
11	YN2511		2	3		2	3	5	27
12	YN2512	3		3	3		3	6	28
13	YN2513	2		3	2	3		5	23
14	YN2514		2	3		3	2	5	22
15	YN2515	3	2		3		2	5	19
16	YN2516	3		3	3		3	6	29
17	YN2517	3		2		2	3	5	24
18	YN2518		4	3	4	3		7	25
19	YN2519		3	3	2		4	6	25
20	YN2520	3		3	2		4	6	27
21	YN2521	3		3	3	3		6	25
22	YN2522	3	2	3		3	3	5	22
23	YN2523	3	3		3		3	6	16
24	YN2524		3	4	4	3		7	28
25	YN2525	3		3		3	3	6	28
26	YN2526		3	3	3		3	5	23
27	YN2527	3		3	3	3		6	19

28	YN2528		3	3		2	4	6	22
29	YN2529	3	3		4		3	6	21
30	YN2530	3	3		3	3		6	21
31	YN2531	3	3			3	3	5	23
32	YN2532	3		3	3		3	6	25
33	YN2533		3	3	3	3		5	23
34	YN2534	3		3		3	3	6	24
35	YN2535	3	3		4		3	6	23
<b>No. of Students Attempted</b>		<b>24</b>	<b>22</b>	<b>25</b>	<b>23</b>	<b>22</b>	<b>25</b>	<b>35</b>	<b>35</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>11</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>10</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>20</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>45.83</b>	<b>40.91</b>	<b>40</b>	<b>43.48</b>	<b>40.91</b>	<b>40</b>		<b>57.14</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		
<b>Indirect CO Attainment Level</b>		<b>2.43</b>	<b>2.4</b>	<b>2.6</b>	<b>2.66</b>	<b>2.49</b>	<b>2.51</b>		
<b>Total CO Attainment</b>		<b>1.14</b>	<b>1.14</b>	<b>1.16</b>	<b>1.17</b>	<b>1.15</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>6</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>4</b>
<b>Level 2</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>
<b>Level 3</b>	<b>21</b>	<b>20</b>	<b>23</b>	<b>24</b>	<b>21</b>	<b>22</b>

<b>Total no. of students participated</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>
<b>CO Attainment Level</b>	<b>2.43</b>	<b>2.4</b>	<b>2.6</b>	<b>2.66</b>	<b>2.49</b>	<b>2.51</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO 10</b>	<b>PO 11</b>	<b>PO 12</b>
CO1	2		2		1		1		1		2	1
CO2		2		2	3	2	3	2	2	1	2	2
CO3	1	1		1	2	3	2	3	3	3		1
CO4	3	3	2	3		2		2		2	1	2
CO5	2	1	3	2	2	1	2	1			2	
CO6	3	2	3	1	3	2	1	3	2	3	1	2
<b>Average PO Attainm ent</b>	<b>2.2</b>	<b>1.8</b>	<b>2.5</b>	<b>1.8</b>	<b>2.2</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>2</b>	<b>2.2</b>	<b>1.6</b>	<b>1.6</b>
<b>PO's Attainm ent at Course Level</b>	<b>1.06</b>	<b>0.87</b>	<b>1.21</b>	<b>0.87</b>	<b>1.06</b>	<b>0.97</b>	<b>0.87</b>	<b>1.06</b>	<b>0.97</b>	<b>1.09</b>	<b>0.77</b>	<b>0.77</b>

<b>Computation of CO Direct Attainment</b>					
<b>Course : AM</b>					
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2020-21      Couse Code: HS-503</b>					
<b>Internal Assessment</b>					<b>External Assessment</b>
<b>Sr.No.</b>		<b>Test-I (10)</b>	<b>Test-II (10)</b>	<b>To tal</b>	<b>Marks</b>

	MAX.	Q1( 5)	Q2( 5)	Q3( 5)	Q1( 5)	Q2( 5)	Q3( 5)	10	40
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2501	2		3	2		3	5	27
2	YN2502		3	3		3	3	6	21
3	YN2503	3		3	3	3		6	31
4	YN2504	4	3		3		4	7	28
5	YN2505	3	3			3	3	6	27
6	YN2506		3	3	3	3		6	24
7	YN2507	3		3	3		3	6	20
8	YN2508		3	3		4	2	6	26
9	YN2509	3		4	2	4		7	25
10	YN2510	3	3		3	3		6	28
11	YN2511	2	3			2	3	5	27
12	YN2512	3		3	3		3	6	30
13	YN2513		2	3		2	3	5	30
14	YN2514	3		3	3		2	5	21
15	YN2515	2	3		3	2		5	23
16	YN2516	3	3			3	3	6	28
17	YN2517		3	2	3		2	5	24
18	YN2518		3	4	3	4		7	21
19	YN2519	3		2		2	3	5	29
20	YN2520	3		3	3		3	6	27
21	YN2521		3	3	3	4		6	20
22	YN2522		3	2		3	3	5	24
23	YN2523	3	3		3		3	6	20
24	YN2524	5	2			3	4	7	30
25	YN2525	3		3	4		3	6	30
26	YN2526	3		3	3	3		5	26
27	YN2527		3	3		3	3	6	22
28	YN2528		3	3	4		3	6	25
29	YN2529	3		5	3	4		7	29





CO Attainment Level	2.43	2.51	2.46	2.46	2.6	2.6
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COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1			1		3	1	2	1	2	3	2	3
CO2	2	3		1	2	3	3	2	3	2	1	1
CO3	3	2	2	2		1		1			2	
CO4			3		1		1	3	2	1	1	3
CO5	1	1		1	2		2		3	3		1
CO6	2	3	1	2	3	2	1	2	1	3	1	2
Average PO Attainment	2	2.25	1.75	1.5	2.2	1.75	1.8	1.8	2.2	2.4	1.4	2
PO's Attainment at Course Level	0.97	1.09	0.85	0.73	1.06	0.85	0.87	0.87	1.06	1.16	0.68	0.97

Computation of CO Direct Attainment										
Course : TM										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2020-21      Couse Code: HS-504										
Internal Assessment									External Assessment	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	40	
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2501	4		3	4		3	7	31	
2	YN2502		2	3		3	2	5	29	
3	YN2503	3		3	3	3		6	28	
4	YN2504	4	3		3		4	7	24	

5	YN2505	3	2			2	3	5	30
6	YN2506		3	3	3	3		6	30
7	YN2507	3	4		4		3	7	30
8	YN2508		3	3		4	2	6	37
9	YN2509	3		4	2	4		7	33
10	YN2510	3	3		3	3		6	27
11	YN2511	2	3			2	3	5	27
12	YN2512	3		3	3		3	6	26
13	YN2513		2	3		2	3	5	28
14	YN2514	3		3	3		2	5	27
15	YN2515	2	3		3	2		5	26
16	YN2516	3	3			3	3	6	30
17	YN2517		3	2	3		2	5	27
18	YN2518		3	4	3	4		7	20
19	YN2519	3		2		2	3	6	27
20	YN2520	3		3	3		3	6	23
21	YN2521		3	3	3	4		6	28
22	YN2522		3	2		3	3	5	29
23	YN2523	3	3		3		3	6	21
24	YN2524	4	3			3	4	7	31
25	YN2525	3		3	4		3	6	28
26	YN2526	3		3	3	3		5	32
27	YN2527		3	3		3	3	6	30
28	YN2528		3	3	4		3	6	26
29	YN2529	3		5	3	4		6	27
30	YN2530	3		3		3	3	6	29
31	YN2531	3	4		4		3	7	24
32	YN2532	3	3		3	4		6	32
33	YN2533		3	3		3	3	5	21
34	YN2534	3		3	3		3	6	26
35	YN2535	3	3	3	3	4		6	23
<b>No. of Students Attempted</b>		<b>24</b>	<b>23</b>	<b>24</b>	<b>23</b>	<b>23</b>	<b>24</b>	<b>35</b>	<b>35</b>



		PO 2	PO 3	PO 4	PO 5	PO 6	PO 7			PO1 0	PO1 1	PO1 2
CO1	1	2	1		2	1		2	3	1	2	2
CO2	2	3	1	2	1		3		2	1		1
CO3	1		2	1	1	2		1			2	2
CO4		1	3	2		3	1	3	2	1	1	
CO5	2	2		3	3	2	2		3	3	2	2
CO6	1	2	3	1	2	3	1	2	3	1	2	3
<b>Average PO Attainment</b>	<b>1.4</b>	<b>2</b>	<b>2</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>1.75</b>	<b>2</b>	<b>2.6</b>	<b>1.4</b>	<b>1.8</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>0.68</b>	<b>0.97</b>	<b>0.97</b>	<b>0.87</b>	<b>0.87</b>	<b>1.06</b>	<b>0.85</b>	<b>0.97</b>	<b>1.26</b>	<b>0.68</b>	<b>0.87</b>	<b>0.97</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course : TM</b>										
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2020-21      Course Code: HS-504</b>										
<b>Internal Assessment</b>									<b>External Assessment</b>	
Sr.No.		<b>Test-I (10)</b>			<b>Test-II (10)</b>			<b>Total</b>	<b>Marks</b>	
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	40	
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	YN2501	4	7			3	4	7	34	
2	YN2502		3	3	3		3	6	35	
3	YN2503	3		3	3	3		6	35	
4	YN2504		3	3		3	3	6	28	
5	YN2505	3		3	3		3	6	33	
6	YN2506		4	3	3	4		7	35	
7	YN2507	3	3			3	3	6	30	
8	YN2508	2	3		3		2	5	37	
9	YN2509	3		3	3	3		6	37	
10	YN2510		2	3		2	3	5	31	
11	YN2511	2		3	2		3	5	33	



Indirect CO Attainment Level	2.3 7	2.4 3	2.4 9	2.5 7	2.4 3	2.5 1		
Total CO Attainment	1.1 4	1.1 4	1.1 5	1.1 6	1.1 4	2.9 3		
Average CO Attainment								1.44

Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	6	5	5	3	6	4
Level 2	10	10	8	9	8	9
Level 3	19	20	22	23	21	22
Total no. of students participated	35	35	35	35	35	35
CO Attainment Level	2.37	2.43	2.49	2.57	2.43	2.51

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	2	3	2	1	3	1	3	1	1	2
CO2		1			1	2	1	2			2	1
CO3	3		2	3		2	3	1	3	2		
CO4	1	1	1		1		1			2	2	1
CO5		2		1	3	2	3	2	1		3	3
CO6	2	1	3	3	2	1	2	3	2	1	2	3
Average PO	2	1.2	2	2.5	1.8	1.6	2.1 7	1.8	2.25	1.5	2	2

<b>Attainment</b>												
<b>PO's Attainment at Course Level</b>	<b>0.96</b>	<b>0.58</b>	<b>0.96</b>	<b>1.2</b>	<b>0.86</b>	<b>0.77</b>	<b>1.04</b>	<b>0.86</b>	<b>1.08</b>	<b>0.72</b>	<b>0.96</b>	<b>0.96</b>

<b>Computation of CO Direct Attainment</b>									
<b>Course : ED</b>									
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2020-21      Course Code: HS-504</b>									
<b>Internal Assessment</b>									<b>External Assessment</b>
<b>Sr.No.</b>		<b>Test-I (10)</b>			<b>Test-II (10)</b>			<b>Total</b>	<b>Marks</b>
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	40
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2501	2		3		2	3	5	30
2	YN2502		3	3	3		3	6	32
3	YN2503	3		3	3	3		6	35
4	YN2504	4	7			3	4	7	32
5	YN2505		3	3	3		3	6	34
6	YN2506	3		3	3	3		6	32
7	YN2507		3	3		3	3	6	24
8	YN2508	3		3	3		3	6	29
9	YN2509		4	3	3	4		7	34
10	YN2510	3	3			3	3	6	31
11	YN2511	2	3		3		3	5	30
12	YN2512	3		3	3	3		6	23
13	YN2513		2	3		2	3	5	30
14	YN2514	2		3	2		3	5	24
15	YN2515		2	3	3	2		5	20
16	YN2516	3		3		3	3	6	33
17	YN2517	2	3		3		3	5	26

18	YN2518	3	4		4	3		7	32
19	YN2519		3	3		2	4	6	22
20	YN2520	3		3	4		3	6	26
21	YN2521	3		3	3	4		6	28
22	YN2522		3	2		2	3	5	32
23	YN2523	3	3		3		3	6	27
24	YN2524	3		4	3	4		7	36
25	YN2525		3	3		4	3	6	29
26	YN2526	3		3	3	3		5	25
27	YN2527	3	3	3		3	3	6	30
28	YN2528	3	3		3		3	6	21
29	YN2529		3	3	3	4		6	30
30	YN2530	3		3		4	3	6	26
31	YN2531		3	3	3		3	5	31
32	YN2532	3	3		3	3		6	34
33	YN2533	3	3	3		3	3	6	36
34	YN2534		3	3	3		3	6	33
35	YN2535	3		3	3	4	3	6	28
<b>No. of Students Attempted</b>		<b>23</b>	<b>22</b>	<b>27</b>	<b>23</b>	<b>24</b>	<b>24</b>	<b>35</b>	<b>35</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>10</b>	<b>10</b>	<b>11</b>	<b>10</b>	<b>10</b>	<b>10</b>		
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>20</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>43.</b> <b>48</b>	<b>45.</b> <b>45</b>	<b>40.</b> <b>74</b>	<b>43.</b> <b>48</b>	<b>41.</b> <b>67</b>	<b>41.</b> <b>67</b>		<b>57.14</b>
<b>Attainment Level</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>
<b>Direct CO Attainment</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		
<b>Indirect CO Attainment Level</b>		<b>2.5</b> <b>1</b>	<b>2.4</b> <b>3</b>	<b>2.5</b> <b>7</b>	<b>2.5</b> <b>1</b>	<b>2.4</b> <b>3</b>	<b>2.4</b> <b>6</b>		
<b>Total CO Attainment</b>		<b>1.1</b> <b>5</b>	<b>1.1</b> <b>4</b>	<b>1.1</b> <b>6</b>	<b>1.1</b> <b>5</b>	<b>1.1</b> <b>4</b>	<b>2.9</b> <b>3</b>		
<b>Average CO Attainment</b>									<b>1.45</b>

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	4	6	3	4	6	5
Level 2	9	8	9	9	8	9
Level 3	22	21	23	22	21	21
Total no. of students participated	35	35	35	35	35	35
CO Attainment Level	2.51	2.43	2.57	2.51	2.43	2.46

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	3	1	2	3	1	3	2		3	3
CO2		1	2	3	1	3	3	2	3	2	2	2
CO3	3		2	1		1	1	3	2	1		3
CO4		1			2	2	2	2	1	2	3	2
CO5	2			2		1	3	2	1	1		3
CO6	3	2	1	3	3	2	1	2	2	3	1	2
Average PO Attainment	2.5	1.5	2	2	2	2	1.83	2.33	1.83	1.8	2.25	2.5
PO's Attainment at Course Level	1.21	0.73	0.97	0.97	0.97	0.97	0.88	1.13	0.88	0.87	1.09	1.21

Computation of CO Direct Attainment									
Course : AFP									
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2021-22      Couse Code: HS-501									
Internal Assessment								External Assessment	
Sr.No.		Test-I (10)			Test-II (10)			To tal	Marks
		Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)		
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2701		3	4	3	4		7	29
2	YN2702	3		4		4	3	7	29
3	YN2703	4		4	4		4	8	32
4	YN2704		4	4	4	4		8	36
5	YN2705	4	4			4	4	8	32
6	YN2706	4		3		3	4	7	35
7	YN2707		4	4	5	3		8	35
8	YN2708		5	4	4	5		9	35
9	YN2709	4		3	2	5		7	32
10	YN2710	4	4			3	5	8	27
11	YN2711		3	4		5	2	7	24
12	YN2712	4		5	4	5		9	31
13	YN2713	4		5		4	5	9	38
14	YN2714		3	4		2	5	7	29
15	YN2715	4	3		5	2		7	24
16	YN2716	5		4	4	5		9	35
17	YN2717		4	4		4	4	8	28
18	YN2718		4	3		4	3	7	18
19	YN2719	5		4	5		4	9	33
20	YN2720	5	4		5	4		9	34
21	YN2721		3	4		4	3	7	20
22	YN2722	4		4	4		4	8	35
23	YN2723	4		4	3	5		8	34

24	YN2724		4	5		4	5	9	34
25	YN2725	5	4		5		4	9	31
26	YN2726	4		4	4	4		8	28
27	YN2727		4	4		4	4	8	31
28	YN2728	5		4	5		4	9	32
29	YN2729	4	3		2	5		7	39
30	YN2730		4	4	5	3		8	25
31	YN2731	4		4	3		5	8	34
32	YN2732	4		5		5	4	9	32
33	YN2733		4	5	4	5		9	35
34	YN2734	4	4		4		4	8	35
35	YN2735	4		3		5	2	7	28
36	YN2736		5	4	5	4		9	30
37	YN2737	5		4	4	5		9	33
38	YN2738	5	4			4	5	9	33
39	YN2739		4	4	4		4	8	34
40	YN2740	3		4	3	4		7	27
41	YN2741	4		4		4	4	8	28
42	YN2742		4	5		4	5	9	35
43	YN2743	4	4		4	4		8	31
44	YN2744	5	4		4	5		9	35
45	YN2745	4		3		3	4	7	33
46	YN2746		5	4		5	4	9	36
47	YN2747		4	3	4	3		7	35
48	YN2748	4		4	4	4		8	34
49	YN2749	5	4			4	5	9	34
50	YN2750		4	5	5		4	9	35
51	YN2751	3		4	3		4	7	34
52	YN2752		4	5		4	5	9	36
53	YN2753	4	3		3	4		7	AA
54	YN2754	4		3	2	5		7	31
55	YN2755		5	4		4	5	9	24
56	YN2756	4		3		4	3	7	35
57	YN2757	4	4		4	4		8	34

58	YN2758		4	5	5		4	9	31
59	YN2759	4		4		4	4	8	35
60	YN2760		4	4	5	3		8	34
61	YN2761	4	4		3		5	8	32
<b>No. of Students Attempted</b>		<b>38</b>	<b>37</b>	<b>47</b>	<b>37</b>	<b>49</b>	<b>36</b>	<b>61</b>	<b>60</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>35</b>	<b>30</b>	<b>39</b>	<b>27</b>	<b>40</b>	<b>30</b>	<b>61</b>	
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>60</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>92.11</b>	<b>81.08</b>	<b>82.98</b>	<b>72.97</b>	<b>81.63</b>	<b>83.33</b>		<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>		<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2.8</b>	<b>3</b>	<b>3</b>		
<b>Indirect CO Attainment Level</b>		<b>2.64</b>	<b>2.69</b>	<b>2.67</b>	<b>2.66</b>	<b>2.54</b>	<b>2.44</b>		
<b>Total CO Attainment</b>		<b>2.96</b>	<b>2.97</b>	<b>2.97</b>	<b>2.79</b>	<b>2.95</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>2.93</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>9</b>	
<b>Level 2</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>11</b>	<b>10</b>	<b>10</b>
<b>Level 3</b>	<b>46</b>	<b>48</b>	<b>47</b>	<b>45</b>	<b>42</b>	<b>43</b>
<b>Total no. of students participated</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>
<b>CO Attainment Level</b>	<b>2.64</b>	<b>2.69</b>	<b>2.67</b>	<b>2.66</b>	<b>2.54</b>	<b>2.44</b>

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	3	3	1	2	3		1		1	2
CO2		2	2	2	2	1	2	3	2	2	2	3
CO3	2	1	1		3	2	3	1	3	3		1
CO4		2		1	3			3	1	1	1	3
CO5	2		2	2		3	1	2		2	2	
CO6	3	3	3	2			2	2	1	2	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>2.2</b>	<b>2.2</b>	<b>1.6</b>	<b>2</b>	<b>1.6</b>	<b>2.2</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>1.76</b>	<b>2.15</b>	<b>1.95</b>	<b>2.2</b>	<b>1.95</b>	<b>2.15</b>	<b>2.15</b>	<b>1.56</b>	<b>1.95</b>	<b>1.56</b>	<b>2.15</b>

Computation of CO Direct Attainment										
Course : AFP										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2021-22      Couse Code: HS-502										
Internal Assessment									External Assessment	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
		Q1 (5)	Q2 (5)	Q3 (5)	Q1 (5)	Q2 (5)	Q3 (5)		10	40
	Seat No	CO1	CO2	CO3	CO4	CO5	CO6			
1	YN2701		3	4	2	5		7	25	
2	YN2702	3		4		2	5	7	27	
3	YN2703	3		4		5	2	7	29	
4	YN2704		4	4	4	4		8	30	
5	YN2705	4	4		3		5	8	27	

6	YN2706	4	4			5	3	8	31
7	YN2707	5		4	5	4		9	26
8	YN2708		5	4	5	4		9	33
9	YN2709		4	4		4	4	8	21
10	YN2710	4		4	4		4	8	22
11	YN2711	4	4		4	4		8	20
12	YN2712	5	4			4	5	9	25
13	YN2713		4	5	5		4	9	29
14	YN2714	3		4	3	4		7	24
15	YN2715	3		4		5	2	7	22
16	YN2716		4	5	5	4		9	33
17	YN2717	5	4			4	5	9	32
18	YN2718	4		3	5		2	7	26
19	YN2719		5	4		4	5	9	32
20	YN2720	5		4	5	4		9	27
21	YN2721	4	4		4	4		8	32
22	YN2722		4	4		4	4	8	26
23	YN2723	4		4	4		4	8	28
24	YN2724		4	5	4	5		9	32
25	YN2725	5	4			4	5	9	23
26	YN2726	5		4		5	4	9	18
27	YN2727		4	4	4		4	8	25
28	YN2728	5		4		4	5	9	26
29	YN2729		4	3	4	3		7	34
30	YN2730	4		4	3		5	8	20
31	YN2731	4	4			4	4	8	22
32	YN2732		4	5	5	4		9	27
33	YN2733	4		5	4		5	9	29
34	YN2734	4		4		4	4	8	33
35	YN2735		3	4	4	3		7	32
36	YN2736	5	4		4		5	9	32
37	YN2737	4		4		4	4	8	32
38	YN2738		5	4	5	4		9	24
39	YN2739	4		4	4		4	8	27



Computation of Indirect CO's Attainment						
Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	7	6	10	8	7	7
Level 2	12	11	10	9	9	10
Level 3	42	44	41	43	45	44
Total no. of students participated	61	61	61	61	61	61
CO Attainment Level	2.57	2.62	2.51	2.54	2.62	2.61

COMPUTAION OF PO's ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO 10	PO 11	PO 12
CO1	1	1		2	2	2	1	2	1	3	2	1
CO2	2	3	3	1		2		1		3	1	2
CO3	3		2	3	2	3	3	2	2	2	3	3
CO4		1	1	1	1		1	3	3		1	
CO5	1	2	3			1	3	1	1	1	3	2
CO6		1	2		2	2		3	3	2	2	2
Average PO Attainm ent	1.75	1.6	2.2	1.7 5	1.7 5	2	2	2	2	2.2	2	2



PO's Attainment at Course Level	1.72	1.57	2.16	1.72	1.72	1.97	1.97	1.97	1.97		2.16	1.97	1.97
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Computation of CO Direct Attainment										
Course : AM										
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2020-21      Course Code: HS-503										
Internal Assessment									External Assessment	
Sr.No.		Test-I (10)			Test-II (10)			Total	Marks	
		MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)			Q3(5)
		Seat No	CO 1	CO 2	CO 3	CO 4	CO 5			CO 6
1	YN2701		3	4		2	5	7	16	
2	YN2702	3		4	4		3	7	23	
3	YN2703		4	4	3	5		8	29	
4	YN2704	4	4			5	3	8	22	
5	YN2705	4		4	4		4	8	27	
6	YN2706		4	3	2	5		7	31	
7	YN2707		4	4		4	4	8	31	
8	YN2708	4		5	5		4	9	30	
9	YN2709	4	3		2	5		7	AA	
10	YN2710		4	4		3	5	8	19	
11	YN2711	3		4	5		2	7	31	
12	YN2712	5		4	4	5		9	19	
13	YN2713		5	4		5	4	9	35	
14	YN2714	4	3			5	2	7	30	
15	YN2715	4	3		5		2	7	24	
16	YN2716	4		5	4		5	9	31	
17	YN2717		4	4		4	4	8	28	
18	YN2718	4		3	3	4		7	4	

19	YN2719	4	5		4	5		9	28
20	YN2720		5	4		4	5	9	32
21	YN2721	3		4	2		5	7	17
22	YN2722	4		4	5		3	8	25
23	YN2723		4	4	4	4		8	24
24	YN2724	4	5			5	4	9	29
25	YN2725	4		5	4		5	9	18
26	YN2726		4	4	3	5		8	25
27	YN2727	4		4		5	3	8	21
28	YN2728	4	5			5	4	9	17
29	YN2729		3	4	5	2		7	28
30	YN2730	4		4	4		4	8	22
31	YN2731		4	4		3	5	8	24
32	YN2732	4	5		4		5	9	29
33	YN2733	4	5			5	4	9	32
34	YN2734		4	4	4	4		8	28
35	YN2735	3		4	4	3		7	22
36	YN2736	5		4		4	5	9	27
37	YN2737		4	4	4		4	8	31
38	YN2738	4	4		5	4		9	26
39	YN2739	4		4		3	5	8	26
40	YN2740		4	3		4	3	7	35
41	YN2741	4		4	4	4		8	18
42	YN2742	4	4		4	5		9	32
43	YN2743		4	4		4	4	8	21
44	YN2744	4		4	4		4	8	29
45	YN2745	4		4	4	4		8	24
46	YN2746		4	4		5	4	9	35
47	YN2747	4	3		5	2		7	26
48	YN2748	4		4	3	5		8	28
49	YN2749		4	4		5	4	9	23
50	YN2750	4		4	4		5	9	31

51	YN2751	4	3		2	5		7	31
52	YN2752		4	4		4	5	9	19
53	YN2753	4		4	4		4	8	20
54	YN2754	3		4	5	2		7	25
55	YN2755		4	4		4	5	9	30
56	YN2756	4	3			2	5	7	31
57	YN2757	4	4		4	4		8	29
58	YN2758	4		4	4	5		9	25
59	YN2759		4	4		5	4	9	26
60	YN2760	4		4	4		4	8	29
61	YN2761	4	4		4	4		8	24
<b>No. of Students Attempted</b>		<b>40</b>	<b>37</b>	<b>45</b>	<b>38</b>	<b>45</b>	<b>39</b>	<b>61</b>	<b>60</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>35</b>	<b>29</b>	<b>42</b>	<b>30</b>	<b>36</b>	<b>31</b>	<b>61</b>	
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>59</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>87.5</b>	<b>78.38</b>	<b>93.33</b>	<b>78.95</b>	<b>80</b>	<b>79.49</b>		<b>98.33</b>
<b>Attainment Level</b>		<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>		<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>2.8</b>	<b>3</b>	<b>2.8</b>	<b>3</b>	<b>2.8</b>		
<b>Indirect CO Attainment Level</b>		<b>2.59</b>	<b>2.62</b>	<b>2.69</b>	<b>2.61</b>	<b>2.72</b>	<b>2.54</b>		
<b>Total CO Attainment</b>		<b>2.96</b>	<b>2.78</b>	<b>2.97</b>	<b>2.78</b>	<b>2.97</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>2.9</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>8</b>	<b>7</b>	<b>4</b>	<b>7</b>	<b>4</b>	<b>9</b>
<b>Level 2</b>	<b>9</b>	<b>9</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>10</b>
<b>Level 3</b>	<b>44</b>	<b>45</b>	<b>46</b>	<b>44</b>	<b>48</b>	<b>42</b>

<b>Total no. of students participated</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>
<b>CO Attainment Level</b>	<b>2.59</b>	<b>2.62</b>	<b>2.69</b>	<b>2.61</b>	<b>2.72</b>	<b>2.54</b>

<b>COMPUTATION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	2		2	2	1	2	2	3	1	2	3	
CO2	3	3	2	3	2	2	3	1	2	3		3
CO3	2	1	3	2	1		1	3	1		3	
CO4	1	2	2	1	2	3		1			2	2
CO5	2		2		3	2	1	3	2	1	1	1
CO6	3	2	1	2	2	1	2			3	2	1
<b>Average PO Attainment</b>	<b>2.17</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.83</b>	<b>2</b>	<b>1.8</b>	<b>2.2</b>	<b>1.5</b>	<b>2.25</b>	<b>2.2</b>	<b>1.75</b>
<b>PO's Attainment at Course Level</b>	<b>2.1</b>	<b>1.93</b>	<b>1.93</b>	<b>1.93</b>	<b>1.77</b>	<b>1.93</b>	<b>1.74</b>	<b>2.13</b>	<b>1.45</b>	<b>2.18</b>	<b>2.13</b>	<b>1.69</b>

<b>Computation of CO Direct Attainment</b>					
<b>Computation of CO Direct Attainment</b>					
<b>Course : HRD</b>					
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2021-22      Couse Code: HS-505</b>					
<b>Internal Assessment</b>					<b>External Assessment</b>
<b>Sr.No.</b>		<b>Test-I (10)</b>	<b>Test-II (10)</b>	<b>Total</b>	<b>Marks</b>

	MAX.	Q1( 5)	Q2( 5)	Q3( 5)	Q1( 5)	Q2( 5)	Q3( 5)	10	40
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2701		4	3		3	4	7	38
2	YN2702	4		3	4		3	7	39
3	YN2703		4	4	4	4		8	38
4	YN2704	4	4			4	4	8	39
5	YN2705	3		4	4		3	7	38
6	YN2706		4	4	3	5		8	38
7	YN2707	4		5		4	5	9	38
8	YN2708	3	4		3		4	7	38
9	YN2709	4	4		3	5		8	38
10	YN2710		4	4		5	3	8	34
11	YN2711	4		3	5		2	7	34
12	YN2712	5		4	4	5		9	39
13	YN2713		5	4		5	4	9	40
14	YN2714	3	4			5	2	7	39
15	YN2715	3		4	5	2		7	37
16	YN2716		4	5	4		5	9	39
17	YN2717		4	4	4		4	8	37
18	YN2718	3		4	2	5		7	35
19	YN2719	4	5			4	5	9	37
20	YN2720	4	5		5		4	9	40
21	YN2721		4	3	2	5		7	35
22	YN2722	4		4		4	4	8	39
23	YN2723	4		4	4		4	8	36
24	YN2724		5	4	4	5		9	39
25	YN2725	4	5			5	4	9	39
26	YN2726	4		4	4		4	8	40
27	YN2727		4	4	4	4		8	35
28	YN2728	4		5		4	5	9	37
29	YN2729		3	4	5		2	7	39

30	YN2730	4		4	3	5		8	39
31	YN2731	4	4			3	5	8	38
32	YN2732	4	5		5		4	9	38
33	YN2733		5	4	4		5	9	38
34	YN2734	4		4		4	4	8	37
35	YN2735	4		3	5	2		7	40
36	YN2736		5	4	4	5		9	39
37	YN2737	4	4			3	5	8	39
38	YN2738	4	4		4		5	9	40
39	YN2739	4		5	3	5		8	40
40	YN2740		3	4		2	5	7	39
41	YN2741	4		4	4		4	8	39
42	YN2742		4	5	5	4		9	38
43	YN2743	4		4		4	4	8	37
44	YN2744	4	5		5		4	9	35
45	YN2745	3	4		5	2		7	36
46	YN2746		5	4		4	5	9	39
47	YN2747	4		3	5		2	7	37
48	YN2748	4		4	4	4		8	38
49	YN2749		5	4		4	5	9	40
50	YN2750	4	5		4		5	9	39
51	YN2751	3	4		2	5		7	39
52	YN2752	4		5		4	5	9	38
53	YN2753		3	4	4		3	7	29
54	YN2754		3	4	3	4		7	40
55	YN2755	4		5		4	5	9	40
56	YN2756	3	4			5	2	7	33
57	YN2757	4	4		5	3		8	35
58	YN2758		5	4		4	5	9	38
59	YN2759	4		4	4		4	8	34
60	YN2760		4	4	3	5		8	33
61	YN2761	4	4			5	3	8	39



		PO 2	PO 3	PO 4	PO 5	PO 6	PO 7			PO1 0	PO1 1	PO1 2
CO1	1		2	2	1	2	2	3	1	2	3	
CO2	3	2	2	1	2	1	1	2	1	3	2	1
CO3	1		1	1			2		2		1	
CO4	2	2	2	3	3	3		2		2	3	2
CO5	3			1			1	1		1	2	3
CO6	2	3	1	2	2	1	3	3	2	3		2
<b>Average PO Attainment</b>	<b>2</b>	<b>2.33</b>	<b>1.6</b>	<b>1.67</b>	<b>2</b>	<b>1.75</b>	<b>1.8</b>	<b>2.2</b>	<b>1.5</b>	<b>2.2</b>	<b>2.2</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>2.27</b>	<b>1.56</b>	<b>1.63</b>	<b>1.95</b>	<b>1.7</b>	<b>1.75</b>	<b>2.14</b>	<b>1.46</b>	<b>2.14</b>	<b>2.14</b>	<b>1.95</b>

<b>Computation of CO Direct Attainment</b>										
<b>Course : TM</b>										
<b>Class: B. Sc.HS III Yr Sem.-V      A.Y. 2021-22      Course Code: HS-504</b>										
<b>Internal Assessment</b>									<b>External Assessment</b>	
Sr.No.		<b>Test-I (10)</b>			<b>Test-II (10)</b>			<b>Total</b>	<b>Marks</b>	
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	40	
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6			
1	YN2701		3	4		2	5	7	23	
2	YN2702	3		4	4		3	7	16	
3	YN2703		4	4	4	4		8	33	
4	YN2704	4	4			4	4	8	29	
5	YN2705	4		4	5		3	8	29	
6	YN2706		4	5	4	5		9	31	
7	YN2707	4		5		5	4	9	29	
8	YN2708	4	4		4		4	8	30	
9	YN2709	4	4		3	5		8	26	
10	YN2710		4	4		5	3	8	19	
11	YN2711	5		4	5		4	9	24	



12	YN2712		5	4	4	5		9	22
13	YN2713	4	3			2	5	7	29
14	YN2714	4	3		4		3	7	28
15	YN2715	4		5	5	4		9	24
16	YN2716		4	5		4	5	9	30
17	YN2717	4		3		4	3	7	30
18	YN2718		4	5	4	5		9	27
19	YN2719	4		5	5		4	9	29
20	YN2720	4	4		4		4	8	24
21	YN2721	4	4		3	5		8	22
22	YN2722		4	4		5	3	8	30
23	YN2723	4		4	5		3	8	26
24	YN2724		5	4	4		5	9	30
25	YN2725	4	5			5	4	9	18
26	YN2726	4	5		5	4		9	25
27	YN2727	4		5	4		5	9	27
28	YN2728		4	5		5	4	9	24
29	YN2729		4	3	5	2		7	28
30	YN2730	4		4	4		4	8	27
31	YN2731	4	4			5	4	8	23
32	YN2732	4	5		5	4		9	28
33	YN2733		5	4	4		5	9	28
34	YN2734	4		4		5	3	8	29
35	YN2735	3		4	2	5		7	28
36	YN2736		5	4	4		5	9	21
37	YN2737	4	4			4	4	8	31
38	YN2738	4	5		5	4		9	30
39	YN2739	4		4	4	4		8	22
40	YN2740		4	3		4	3	7	27
41	YN2741	4		4	4		4	8	25
42	YN2742	4	5		4	5		9	30
43	YN2743		4	4		5	3	8	30

44	YN2744	4		4	3		5	8	31
45	YN2745	4		4	4	4		8	24
46	YN2746		5	4		5	4	9	29
47	YN2747	4	3			4	3	7	27
48	YN2748	4		4	4	4		8	27
49	YN2749		4	5	5	4		9	27
50	YN2750	4		5		4	5	9	30
51	YN2751	4	3			5	2	7	27
52	YN2752		5	4	5	4		9	27
53	YN2753	4		4	4		4	8	26
54	YN2754	4		4		4	4	8	31
55	YN2755		5	4	5	4		9	29
56	YN2756	4	4		4	4		8	27
57	YN2757	4		4		5	3	8	24
58	YN2758		4	5		4	5	9	22
59	YN2759	4		4	4	4		8	26
60	YN2760	4	4		3	5		8	27
61	YN2761	4	3			2	5	7	24
<b>No. of Students Attempted</b>		<b>41</b>	<b>39</b>	<b>42</b>	<b>38</b>	<b>45</b>	<b>39</b>	<b>61</b>	<b>61</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>39</b>	<b>33</b>	<b>39</b>	<b>33</b>	<b>41</b>	<b>26</b>	<b>61</b>	
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>61</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>95.</b>	<b>84.</b>	<b>92.</b>	<b>86.</b>	<b>91.</b>	<b>66.</b>		<b>100</b>
		<b>12</b>	<b>62</b>	<b>86</b>	<b>84</b>	<b>11</b>	<b>67</b>		
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>		<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2.8</b>		
<b>Indirect CO Attainment Level</b>		<b>2.5</b>	<b>2.5</b>	<b>2.5</b>	<b>2.6</b>	<b>2.6</b>	<b>2.5</b>		
		<b>9</b>	<b>4</b>	<b>7</b>	<b>2</b>	<b>4</b>	<b>1</b>		
<b>Total CO Attainment</b>		<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>		
		<b>6</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>3</b>		
<b>Average CO Attainment</b>									<b>2.95</b>

<b>Computation of Indirect CO's Attainment</b>
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Students Answered	CO1	CO2	CO3	CO4	CO5	CO6
Level 1	8	9	8	7	7	10
Level 2	9	10	10	9	8	10
Level 3	44	42	43	45	46	41
Total no. of students participated	61	61	61	61	61	61
CO Attainment Level	2.59	2.54	2.57	2.62	2.64	2.51

COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL												
CO's	Program Outcomes (PO'S)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	2	2	1	2	2	3	1	2	3	
CO2	1	2	3	1	3	2		1		2	1	3
CO3	3	3	3	2			2	2	1	2	2	2
CO4	1			2	2	2	3	3	3		1	1
CO5	3	2	1	1	1	3	2		2	1	2	
CO6		3	3	2	2	2	1			2		2
Average PO Attainment	2	2.2	2.4	1.67	1.8	2.2	2	2.25	1.75	1.8	1.8	2
PO's Attainment at Course Level	1.97	2.16	2.36	1.64	1.77	2.16	1.97	2.21	1.72	1.77	1.77	1.97

Computation of CO Direct Attainment									
Computation of CO Direct Attainment									
Course : ED									
Class: B. Sc.HS III Yr Sem.-V      A.Y. 2021-22      Couse Code: HS-506									
Internal Assessment									External Assessment
Sr.No.		Test-I (10)			Test-II (10)			To tal	Marks
	MAX.	Q1(5)	Q2(5)	Q3(5)	Q1(5)	Q2(5)	Q3(5)	10	40
	Seat No	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6		
1	YN2701		3	4		4	3	7	26
2	YN2702	3		4	4		3	7	33
3	YN2703		4	4		4	4	8	35
4	YN2704	4	4		5		3	8	33
5	YN2705	4		4	3	5		8	32
6	YN2706		4	4		4	4	8	33
7	YN2707	5		4	4		5	9	32
8	YN2708	4	4		4	4		8	32
9	YN2709	4	4			4	4	8	28
10	YN2710		4	4	4		4	8	29
11	YN2711	4		5	5	4		9	32
12	YN2712		4	5		5	4	9	31
13	YN2713	4	3		4		3	7	32
14	YN2714	4		3	3	4		7	30
15	YN2715		5	4		5	4	9	31
16	YN2716		4	4	4		4	8	33
17	YN2717	4		3	3		4	7	32
18	YN2718	5	4			5	4	9	33
19	YN2719	5	4		4	5		9	32
20	YN2720		3	4	3	4		7	35
21	YN2721	4		4		4	4	8	29
22	YN2722		4	4	4		4	8	33

23	YN2723	5	4		4	5		9	31
24	YN2724	4	4			4	4	8	32
25	YN2725	5		4	3		5	9	24
26	YN2726		4	4	4	4		8	34
27	YN2727		5	4		4	5	9	28
28	YN2728	4		3	4		3	7	27
29	YN2729	4	4			3	5	8	31
30	YN2730	4	4		5	3		8	26
31	YN2731		4	5	4	5		9	28
32	YN2732	4		5		4	5	9	32
33	YN2733	4		4	4	4		8	33
34	YN2734		3	4	3		4	7	32
35	YN2735	5	4			5	4	9	31
36	YN2736	4	4		4		4	8	31
37	YN2737	5		4		4	5	9	33
38	YN2738		4	4	4	4		8	30
39	YN2739		4	4	3		5	8	25
40	YN2740	4		4	5		3	8	29
41	YN2741	5	4		4	5		9	23
42	YN2742	4	4		4	4		8	34
43	YN2743		4	4	4		4	8	29
44	YN2744		4	4		3	5	8	30
45	YN2745	4		5	5	4		9	33
46	YN2746	3		4	5	2		7	35
47	YN2747		4	4		3	5	8	29
48	YN2748		4	5	5		4	9	34
49	YN2749	5	4		4		5	9	35
50	YN2750	4	3			4	3	7	32
51	YN2751	5		4	5	4		9	33
52	YN2752	4		3		3	4	7	33
53	YN2753		4	4	4		4	8	34
54	YN2754		4	4	3	5		8	29

55	YN2755	5		4		4	5	9	28
56	YN2756	4		4	4		4	8	33
57	YN2757	4	4		3	5		8	32
58	YN2758	5		4		5	4	9	30
59	YN2759	4	4		4		4	8	32
60	YN2760		4	4	3		5	8	35
61	YN2761		3	4		5	2	7	33
<b>No. of Students Attempted</b>		<b>38</b>	<b>41</b>	<b>43</b>	<b>40</b>	<b>40</b>	<b>42</b>	<b>61</b>	<b>61</b>
<b>In Internal Assessment No. of Students Secured &gt; = Threshold marks (60%=3Marks)</b>		<b>36</b>	<b>35</b>	<b>39</b>	<b>30</b>	<b>34</b>	<b>34</b>	<b>61</b>	
<b>In External Assessment No. of Students Secured &gt; =Threshold marks (40%=16 Marks)</b>									<b>61</b>
<b>% of students secured &gt;= Threshold marks</b>		<b>94.74</b>	<b>85.37</b>	<b>90.7</b>	<b>75</b>	<b>85</b>	<b>80.95</b>		<b>100</b>
<b>Attainment Level</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>		<b>3</b>
<b>Direct CO Attainment</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2.8</b>	<b>3</b>	<b>3</b>		
<b>Indirect CO Attainment Level</b>		<b>2.61</b>	<b>2.61</b>	<b>2.72</b>	<b>2.64</b>	<b>2.56</b>	<b>2.51</b>		
<b>Total CO Attainment</b>		<b>2.96</b>	<b>2.96</b>	<b>2.97</b>	<b>2.78</b>	<b>2.96</b>	<b>2.93</b>		
<b>Average CO Attainment</b>									<b>2.93</b>

<b>Computation of Indirect CO's Attainment</b>						
<b>Students Answered</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>CO6</b>
<b>Level 1</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>7</b>	<b>9</b>
<b>Level 2</b>	<b>10</b>	<b>12</b>	<b>15</b>	<b>16</b>	<b>13</b>	<b>12</b>
<b>Level 3</b>	<b>44</b>	<b>43</b>	<b>45</b>	<b>42</b>	<b>41</b>	<b>40</b>

<b>Total no. of students participated</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>
<b>CO Attainment Level</b>	<b>2.61</b>	<b>2.61</b>	<b>2.72</b>	<b>2.64</b>	<b>2.56</b>	<b>2.51</b>

<b>COMPUTAION OF PO'S ATTAINMENT AT COURSE LEVEL</b>												
<b>CO's</b>	<b>Program Outcomes (PO'S)</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
CO1	3	2	2	1	2	1	1	2	1	3	2	1
CO2	1		1	1			2		2		1	
CO3	2	2	2	3	3	3		2		2	3	2
CO4	1	3	1	1	1		1			2	2	2
CO5	2			2		1	3	2	1	1		3
CO6	3	3	3	2			2	2	1	2	2	2
<b>Average PO Attainment</b>	<b>2</b>	<b>2.5</b>	<b>1.8</b>	<b>1.67</b>	<b>2</b>	<b>1.67</b>	<b>1.8</b>	<b>2</b>	<b>1.25</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>PO's Attainment at Course Level</b>	<b>1.95</b>	<b>2.44</b>	<b>1.76</b>	<b>1.63</b>	<b>1.95</b>	<b>1.63</b>	<b>1.76</b>	<b>1.95</b>	<b>1.22</b>	<b>1.95</b>	<b>1.95</b>	<b>1.95</b>