




**Rayat Shikshan Sanstha's**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Department of Commerce**

**Summary of Attainment of COs & POs**  
**(A.Y. 2022-23)**

Class	Sr. No.	Name of the Subject	Attainment Level
B.Com.	1	Financial Market and Institutions in India	2.19
	2	Banking Law and Practices in India	2.51
	3	Methods of Costing	2.84
	4	Techniques of Cost Accounting and Cost Audit	2.34
			<b>Average</b>

Class	Sr. No.	Name of the Subject	Attainment Level
M.Com.	1	Foreign Exchange	2.63
	2	International Finance	2.66
	3	Recent Advances in Banking & Finance	2.69
	4	Cost Audit	2.68
	5	Management Audit	2.56
	6	Recent Advances in Cost Auditing and Cost System	2.54
			<b>Average</b>

  
**H. O. D.**  
Department of Commerce  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune-411 017.

  
**(Dr. Neelkanth Dahale)**  
Co-ordinator, IQAC  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune-411 017.

Rayat Shikshan Sanstha's  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Department of Commerce (A.Y. 2022-23)**



Class : B.Com.-III  
**SPECIAL ELECTIVE COURSE (Special Course – II)**  
**(Banking & Finance-Special Paper II)**  
**Subject : Financial Markets and Institutions in India – II**

**ATTAINMENT SUMMARY**  
**COURSE OUTCOMES**

After successfully completing this course, students will be able to:

<b>CO 1</b>	Analyze the Indian money market and its participants, credit instruments and recent developments.
<b>CO 2</b>	Understand the functions of the Indian capital market, its participants, credit instruments and recent developments.
<b>CO 3</b>	Explain the functioning of the foreign exchange market, including the determination of exchange rates and recent developments.
<b>CO 4</b>	Identify and describe the basic concepts of the stock market, including primary and secondary markets, merchant banking, IPOs and FPOs.
<b>CO 5</b>	Understand the types and processes of stock trading, including cash market, future and option market.
<b>CO 6</b>	Analyze the functions and workings of non-banking financial institutions in India, including lease financing, mutual funds, housing finance companies, life insurance companies and general insurance companies.

**CO Attainment**

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
<b>CO 1</b>	2.63	2.70	2.67	1	2.33
<b>CO 2</b>	2.73	2.70	2.72	1	2.37
<b>CO 3</b>	2.71	2.70	2.71	1	2.36
<b>CO 4</b>	2.79	2.81	2.80	1	2.44
<b>CO 5</b>	2.75	2.81	2.78	1	2.42
<b>CO 6</b>	2.81	2.81	2.81	1	2.45
<b>Overall CO Attainment</b>					<b>2.40</b>
<b>Attainment = End Exam 20%+ Internal 80%</b>					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	3	3	-	-	2	-	3	3	-	3	-
CO 2	3	3	3	-	-	2	-	3	3	2	3	-
CO 3	-	3	3	-	-	3	2	3	3	-	3	-
CO 4	3	3	3	2	-	3	-	3	3	-	3	-
CO 5	-	3	3	-	-	3	3	3	3	-	3	-
CO 6	3	3	3	-	3	3	-	2	3	-	3	-
Weighted Average	3.00	3.00	3.00	2.00	3.00	2.67	2.50	2.83	3.00	2.00	3.00	-
<b>Overall Mapping of Subject</b>												<b>2.73</b>

Note:

Enter correlation levels 1, 2 or 3 as defined below:

**1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”**

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	2.33	2.33	-	-	1.55	-	2.33	2.33	-	2.33	-
CO 2	2.37	2.37	2.37	-	-	1.58	-	2.37	2.37	1.58	2.37	-
CO 3	-	2.36	2.36	-	-	2.36	1.58	2.36	2.36	-	2.36	-
CO 4	2.44	2.44	2.44	1.63	-	2.44	-	2.44	2.44	-	2.44	-
CO 5	-	2.42	2.42	-	-	2.42	2.42	2.42	2.42	-	2.42	-
CO 6	2.45	2.45	2.45	-	2.45	2.45	-	1.63	2.45	-	2.45	-
Average	2.42	2.40	2.40	1.63	2.45	2.14	2.00	2.26	2.40	1.58	2.40	-
<b>Overall Attainment of the Subject</b>												<b>2.19</b>

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment



*[Signature]*  
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Department of Commerce (A.Y. 2022-23)

Class : B.Com.-III

SPECIAL ELECTIVE COURSE (Special Course – II)  
(Banking & Finance-Special Paper II)

Subject : Financial Markets and Institutions in India – II

Sr. No	Tool	Test 1			Test-2		
	CO	1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	ANGRE OMKAR SARDAR	8	7	8	8	7	7
2	BAMBALE PRIYANKA GOVINDA	9	7	8	5	7	7
3	BHISE SAYALI SUNIL	9	7	8	9	6	5
4	BIKKAD RUSHIKESH SANTOSH	6	6	7	9	7	5
5	BORKAR PRADNYA VASANTO	6	7	8	8	7	7
6	CHAVAN BHUSHAN UDAY	8	7	8	8	6	7
7	CHAVAN YASH SATISH	7	7	7	7	7	7
8	CHIKKANALI DURGAPPA SHANKARAPPA	6	6	7	8	4	5
9	DHAGE SUJATA SHIVAJIRAO	7	6	5	9	7	6
10	DHAGE TUSHAR NANDHKUMAR	9	8	7	7	5	8
11	EKSHINGE TEJAS ANIL	9	8	6	9	5	5
12	GAIKWAD AKASH PANDURANG	7	6	7	7	7	5
13	GAIKWAD KUNAL ANIL	7	8	9	8	6	6
14	GAIKWAD TEJAS PRITAM	6	9	8	8	6	9
15	GAVHANE RAJ SANTOSH	8	8	9	8	5	7
16	GHOTANKAR AMOL DNYANESHWAR	6	7	3	9	5	5
17	GOBADE ANIKET VYANKAT	9	9	3	3	7	9
18	GUMANE RITIK VINOD	8	8	5	9	7	7
19	HINGANE PRATHMESH RAJENDRA	8	8	7	7	8	9
20	HIREMAT SANGAMESH SADHASHIVAYYA	6	7	9	7	9	5
21	HULE DEVKAR RUSHIKESH PUNDALIK	8	7	5	8	7	7
22	INGALE NISHA ANIL	8	6	8	9	7	5
23	KADAM AKANKSHA RAJU	6	6	7	7	7	5
24	KAMBLE AARTI LIMBRAJ	7	7	8	7	7	6
25	KAMBLE PRERANA BALI	9	7	7	7	9	8
26	KAMBLE SAHIL SUDHAKAR	5	3	8	6	8	8
27	KAMBLE SHRUSHTI SANTOSH	5	9	9	5	7	9
28	KATE PAYAL DATTATRAY	5	7	7	7	5	5
29	KATHE VAIBHAV DEVANAND	8	3	3	3	8	8



30	KEDARI RAJESHREE VIJAY	7	9	9	6	7	3
31	KHADE MANISH RAGHUNATH	6	9	9	8	6	9
32	KHALADAKAR ATHRAV MANOJ	8	3	8	6	7	5
33	KHAN TAUSIF TASLIM	9	9	9	7	7	9
34	KHARADE AJINKYA PRAVIN	3	6	3	6	8	6
35	KHOCHADE TEJAS KASHINATH	8	7	8	7	8	7
36	KSHETRE PRITI PANDURANG	7	7	7	6	6	8
37	KULKARNI AVANTI JAYANT	8	8	3	7	9	7
38	KUMBHAR DURGA NANASAHEB	7	6	8	6	7	5
39	LONDHE SAGAR NARAYAN	8	3	8	3	3	7
40	LUTE TANUPRIYA SIDDHESHWAR	8	8	9	5	9	7
41	MANE KOMAL RAJU	8	8	8	9	5	7
42	MANE SURAJ SIKANDAR	5	7	9	6	9	7
43	MANJARE TEJASHREE KUMAR	9	7	8	8	8	6
44	MEHUNKAR KESHAV RAMKRUSHAN	7	6	6	8	6	6
45	MELKUNDE RAHUL SUGRIV	8	7	8	7	8	7
46	MUJAVAR JAVED ALISAB	8	6	7	8	2	6
47	MUJAWAR HASAN SAIPAN	7	7	8	7	7	7
48	MULAY PUNAM NAMDEV	8	7	8	7	6	5
49	MUNGALE DIPAK LAXMAN	9	7	7	7	7	5
50	MUNGSE SNEHAL HANUMANT	8	6	7	9	7	6
51	PARDESHI POOJA RAJENDRA	9	7	9	7	7	6
52	PARDESHI VARSHA HARISING	7	6	8	7	7	5
53	PITALE AKASH ASARAM	9	5	5	8	7	5
54	POLDAS SHUBHAM KONDIRAM	9	7	6	5	6	8
55	SABDE CHANDRAKANT YOURAJ	9	6	6	7	7	7
56	SALUNKHE OMKAR DADARAO	8	8	9	7	6	6
57	SALVE NILESH PRAMOD	7	9	9	3	3	8
58	SALVI NAMRATA SANDIP	7	8	2	9	7	3
59	SAMDADDE RAHUL JAGADISH	7	7	3	9	7	7
60	SARNE SACHIN TANAJI	8	8	9	7	7	8
61	SAWAT PRATIK ANKUSH	7	7	8	7	6	7
62	SHAIKH MUSTAK MANSOOR	8	8	9	7	6	6
63	SHINDE ARPITA ASHOK	7	7	7	7	3	5
64	SOLANKE VISHNU HARI	7	8	9	7	6	8
65	SONAWANE KUSUM SHIVAJI	7	7	7	9	9	8
66	SURVASE SUMIT PARMESHWAR	9	6	9	7	8	5
67	SURYAWANSHI VISHAL RAMKRUSHNA	9	8	9	9	6	7
68	SUTAR PRAJAKTA POPAT	8	6	7	7	7	6
69	SUTAR SANKET ANANDA	8	7	8	9	9	7
70	TAILOR NAZIYA MUMAR	3	7	8	7	6	7
71	TALAPE ROHIT MARUTI	6	7	8	9	7	6
72	TANGADE PRATIKSHA SHIVAJI	7	6	7	7	6	7



73	UGHADE BHAKTI SURESH	3	3	3	9	8	6
74	UGHADE GOMATI GANESH	6	7	8	8	5	6
75	UTTEKAR MANASI MAHESH	6	7	8	3	4	6
76	VALEKAR ROHAN KATYAPPA	3	8	9	7	6	6
77	VARHADE RAVINDRA DEVRAO	7	7	3	3	8	7
78	VILKAR CHAITALI VILAS	8	7	9	8	5	6
79	WAGHERE GANESH SANDEEP	8	7	7	7	7	7
80	WALEKAR RADHESHAM APPASAHEB	3	7	3	9	3	5
81	BEBLE SUPRIYA CHANBAS	9	5	5	6	6	5
82	BHAWARI TEJAS SITARAM	4	7	7	8	8	7
83	DAGADE RAHUL MARUTI	4	7	7	9	7	7
84	DUGALKAR BAGESH MUKTTANNA	8	7	7	9	5	7
85	GANGURDE SARANG SHANTARAM	9	7	8	9	8	7
86	GHADGE MAYUR SHASHIKANT	5	5	5	9	8	8
87	GHADGE RADHA RAMANATH	7	7	3	9	9	7
88	GHOIRAT ANIKET NAVAJI	7	8	8	3	2	9
89	GOLE HARSHALI AVINASH	6	7	7	9	7	8
90	JADHAV AKANSHA DNYANESHWAR	5	7	8	8	7	7
91	JADHAV RAHUL LOKNATH	6	7	9	8	8	5
92	JADHAV ROSHANI CHANDRAKANT	8	7	7	7	4	7
93	JADHAV SAHIL PRABHU	3	7	8	7	6	7
94	JAGTAP AARTI SOMNATH	8	6	7	7	7	6
95	JAISWAR ISHWAR SHYAMSUNDAR	7	7	9	7	7	6
96	JAMADAR ANJALI TUKARAM	4	7	8	8	7	2
97	KAMBLE NIVRUTTI JAYWANT	4	8	9	7	7	3
98	KAMITKAR VISHAKHA SHANKAR	8	9	9	7	6	8
99	KHAN RAHAT ABDULGAFFAR	9	6	7	9	8	6
100	KHANDAGALE PRERANA AVINASH	7	7	8	9	7	6
101	KHARADE ABOLI VIJAY	6	7	8	9	7	5
102	KHORDE BHAGYASHRI KONDIRAM	8	6	8	7	7	5
103	KOLI GANESH GAURISHANKAR	7	7	8	7	6	7
104	KSHIRSAGAR VARSHA BANDU	6	7	8	7	7	6
105	KUDALE SNEHAL SANJAY	5	7	7	7	8	7
106	KUTE NEHA TEJRAO	8	8	9	9	5	8
107	LANDGE PRADNYA TRIMBAK	7	8	9	7	7	6
108	MANE MAHESH RAJARAM	5	7	8	9	4	7
109	MANORE PRADNYA MAHADEV	5	7	8	9	8	7
110	MORE PRIYA MAROTI	8	6	6	9	9	6
111	MORE ANIKET YUVRAJ	6	7	9	8	7	8
112	MUNDHE ASHWINI RAMDAS	8	3	3	7	7	3
113	NIKAM SUSMITA VASANT	7	6	3	7	5	5
114	PALKE SAKSHI LAXMAN	9	8	7	8	3	8
115	PATIL BALASAHEB KRUSHNA	3	8	8	9	9	8

116	PATIL GAURI DILIP	8	7	8	8	7	3
117	PATIL MANOJ ANIL	8	9	9	8	8	8
118	PAWAR SHRUTI SUNIL	3	7	7	8	7	8
119	RAJVEER VAISHNAVI VIJAY	3	8	9	6	7	7
120	RAKSHE DIPALI DATTATRAY	6	9	9	3	5	8
121	RAKSHE VANITA BABAN	5	6	8	9	9	5
122	SAKPAL KARINA SAKHARAM	5	6	8	8	7	3
123	SAKPAL SAHIL JAYRAM	3	2	0	8	7	9
124	SALE PRITEE MAHADEV	4	6	5	9	6	8
125	SATHE SNEHAL BHASKAR	8	3	6	7	6	2
126	SHAIKH AASMABEGAM SALAUDDIN	9	7	8	8	7	3
127	SONAWANE ANIKET DHONDIBA	9	8	8	7	5	8
128	TALEKAR ARATI VIJAY	7	6	5	9	6	7
129	UPADHYAY GOVIND JAYPRAKASH	7	7	8	7	5	6
130	WALUNJKAR KIRTI RAJARAM	5	6	8	8	6	5
131	WALUNJKAR KOMAL RAMKRUSHNA	8	3	8	6	5	8
132	BAGADE SHAKTI DIPAK	6	7	7	8	8	6
133	BANSODE MAHENDRA RAHUL	5	4	9	7	7	6
134	CHOLSE ANAND DHONDIRAM	8	6	8	3	7	6
135	LOKHANDE NEHA MILIND	3	7	7	6	4	7
136	MAHADIK MAYUR BALIRAM	6	7	7	8	9	7
137	MAHENDRAKAR SHUBHAM TUKARAM	7	7	5	3	7	8
138	RODE RASIKA RAM	5	7	7	8	8	7
139	SAGAT PRAJAKTA DNYANESHWAR	8	3	7	9	7	7
140	KADAM RENUKA PRAMOD	8	9	9	6	5	9
141	MAHESH DATTATRYA BORADE	6	4	9	9	8	6
142	BHOSALE PAYAL RAVINDRA	4	7	7	9	8	7
143	KAPSE YOGESH RAJU	6	4	7	8	7	8
144	TURUKMARE RITESH SHAMRAO	5	5	6	8	7	9
145	SHINDE SHWETA VITTHAL	4	6	5	9	8	8

<b>Attempts</b>	<b>145</b>	<b>145</b>	<b>145</b>	<b>145</b>	<b>145</b>	<b>145</b>
<b>Scores above 50% (Threshold value)</b>	<b>127</b>	<b>132</b>	<b>131</b>	<b>135</b>	<b>133</b>	<b>136</b>
<b>Attainments %</b>	<b>87.59</b>	<b>91.03</b>	<b>90.34</b>	<b>93.10</b>	<b>91.72</b>	<b>93.79</b>
<b>Attainment on 3 Point Scale</b>	<b>2.63</b>	<b>2.73</b>	<b>2.71</b>	<b>2.79</b>	<b>2.75</b>	<b>2.81</b>



*[Signature]*  
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**Class : B.Com.-III**  
**SPECIAL ELECTIVE COURSE (Special Course – II)**  
**(Banking & Finance-Special Paper II)**  
**Subject : Financial Markets and Institutions in India – II**

Sr. No	Tool CO	Assignment-1	Oral-1	Assignment-2	Oral-2
		1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	ANGRE OMKAR SARDAR	6	4	7	3
2	BAMBALE PRIYANKA GOVINDA	8	4	9	5
3	BHISE SAYALI SUNIL	8	5	8	5
4	BIKKAD RUSHIKESH SANTOSH	7	4	6	3
5	BORKAR PRADNYA VASANTO	8	5	6	5
6	CHAVAN BHUSHAN UDAY	6	4	7	2
7	CHAVAN YASH SATISH	8	3	6	2
8	CHIKKANALI DURGAPPA SHANKARAPPA	9	4	7	5
9	DHAGE SUJATA SHIVAJIRAO	9	5	7	4
10	DHAGE TUSHAR NANDHKUMAR	9	4	7	4
11	EKSHINGE TEJAS ANIL	9	4	6	3
12	GAIKWAD AKASH PANDURANG	9	3	5	3
13	GAIKWAD KUNAL ANIL	6	4	6	5
14	GAIKWAD TEJAS PRITAM	7	4	7	5
15	GAVHANE RAJ SANTOSH	7	3	8	4
16	GHOTANKAR AMOL DNYANESHWAR	7	4	9	3
17	GOBADE ANIKET VYANKAT	8	3	8	2
18	GUMANE RITIK VINOD	6	3	8	3
19	HINGANE PRATHMESH RAJENDRA	7	3	7	5
20	HIEMAT SANGAMESH SADHASHIVAYYA	6	4	7	4
21	HULE DEVKAR RUSHIKESH PUNDALIK	7	3	8	4
22	INGALE NISHA ANIL	7	5	7	4
23	KADAM AKANKSHA RAJU	7	2	7	5
24	KAMBLE AARTI LIMBRAJ	7	3	8	3
25	KAMBLE PRERANA BALI	7	3	6	5
26	KAMBLE SAHIL SUDHAKAR	7	4	8	3
27	KAMBLE SHRUSHTI SANTOSH	6	3	8	4
28	KATE PAYAL DATTATRAY	8	3	3	3
29	KATHE VAIBHAV DEVANAND	7	3	4	5
30	KEDARI RAJESHREE VIJAY	9	5	6	3
31	KHADE MANISH RAGHUNATH	7	2	8	5
32	KHALADAKAR ATHRAV MANOJ	7	4	9	4
33	KHAN TAUSIF TASLIM	6	5	3	4





34	KHARADE AJINKYA PRAVIN	8	4	9	4
35	KHOCHADE TEJAS KASHINATH	7	5	4	3
36	KSHETRE PRITI PANDURANG	7	3	8	3
37	KULKARNI AVANTI JAYANT	4	4	5	5
38	KUMBHAR DURGA NANASAHEB	6	4	3	3
39	LONDHE SAGAR NARAYAN	7	5	3	3
40	LUTE TANUPRIYA SIDDHESHWAR	7	2	7	3
41	MANE KOMAL RAJU	6	4	4	4
42	MANE SURAJ SIKANDAR	7	5	8	3
43	MANJARE TEJASHREE KUMAR	6	4	5	3
44	MEHUNKAR KESHAV RAMKRUSHAN	9	3	9	5
45	MELKUNDE RAHUL SUGRIV	7	3	7	5
46	MUJAVAR JAVED ALISAB	4	3	9	5
47	MUJAWAR HASAN SAIPAN	7	4	8	5
48	MULAY PUNAM NAMDEV	8	5	7	5
49	MUNGALE DIPAK LAXMAN	9	2	6	4
50	MUNGSE SNEHAL HANUMANT	6	5	7	3
51	PARDESHI POOJA RAJENDRA	8	4	8	5
52	PARDESHI VARSHA HARISING	7	5	6	4
53	PITALE AKASH ASARAM	7	3	7	5
54	POLDAS SHUBHAM KONDIRAM	7	4	9	4
55	SABDE CHANDRAKANT YOURAJ	3	5	8	4
56	SALUNKHE OMKAR DADARAO	4	4	8	3
57	SALVE NILESH PRAMOD	8	3	7	5
58	SALVI NAMRATA SANDIP	6	5	7	5
59	SAMDADE RAHUL JAGADISH	9	3	7	3
60	SARNE SACHIN TANAJI	8	5	7	4
61	SAWAT PRATIK ANKUSH	7	3	8	5
62	SHAIKH MUSTAK MANSOOR	3	5	7	5
63	SHINDE ARPITA ASHOK	3	3	8	4
64	SOLANKE VISHNU HARI	7	3	3	5
65	SONAWANE KUSUM SHIVAJI	4	4	7	5
66	SURVASE SUMIT PARMESHWAR	6	3	6	4
67	SURYAWANSHI VISHAL RAMKRUSHNA	8	5	3	3
68	SUTAR PRAJAKTA POPAT	6	3	4	5
69	SUTAR SANKET ANANDA	8	5	6	4
70	TAILOR NAZIYA MUMAR	3	5	8	5
71	TALAPE ROHIT MARUTI	4	3	3	5
72	TANGADE PRATIKSHA SHIVAJI	3	5	7	5
73	UGHADE BHAKTI SURESH	7	4	3	4
74	UGHADE GOMATI GANESH	8	4	9	3
75	UTTEKAR MANASI MAHESH	7	4	8	3
76	VALEKAR ROHAN KATYAPPA	9	4	7	3
77	VARHADE RAVINDRA DEVRAO	7	3	9	3
78	VILKAR CHAITALI VILAS	7	3	7	5
79	WAGHERE GANESH SANDEEP	5	3	7	4



80	WALEKAR RADHESHAM APPASAHEB	9	4	6	4
81	BEBLE SUPRIYA CHANBAS	9	3	7	4
82	BHAWARI TEJAS SITARAM	7	2	8	3
83	DAGADE RAHUL MARUTI	7	3	8	3
84	DUGALKAR BAGESH MUKTTANNA	9	3	6	4
85	GANGURDE SARANG SHANTARAM	8	4	5	4
86	GHADGE MAYUR SHASHIKANT	9	5	7	4
87	GHADGE RADHA RAMANATH	7	5	8	3
88	GHOIRAT ANIKET NAVAJI	7	5	8	4
89	GOLE HARSHALI AVINASH	6	5	9	3
90	JADHAV AKANSHA DNYANESHWAR	7	4	7	5
91	JADHAV RAHUL LOKNATH	7	3	8	4
92	JADHAV ROSHANI CHANDRAKANT	4	5	7	2
93	JADHAV SAHIL PRABHU	9	3	6	3
94	JAGTAP AARTI SOMNATH	7	4	5	5
95	JAISWAR ISHWAR SHYAMSUNDAR	9	3	8	3
96	JAMADAR ANJALI TUKARAM	9	3	8	2
97	KAMBLE NIVRUTTI JAYWANT	6	4	7	3
98	KAMITKAR VISHAKHA SHANKAR	6	4	6	5
99	KHAN RAHAT ABDULGAFFAR	7	5	7	4
100	KHANDAGALE PRERANA AVINASH	8	3	9	3
101	KHARADE ABOLI VIJAY	6	4	7	5
102	KHORDE BHAGYASHRI KONDIRAM	8	3	8	5
103	KOLI GANESH GAURISHANKAR	7	2	8	3
104	KSHIRSAGAR VARSHA BANDU	7	3	6	4
105	KUDALE SNEHAL SANJAY	8	3	9	5
106	KUTE NEHA TEJRAO	3	5	9	5
107	LANDGE PRADNYA TRIMBAK	8	3	8	3
108	MANE MAHESH RAJARAM	8	5	6	4
109	MANORE PRADNYA MAHADEV	9	3	7	5
110	MORE PRIYA MAROTI	9	3	9	4
111	MORE ANIKET YUVRAJ	7	3	9	3
112	MUNDHE ASHWINI RAMDAS	7	3	6	4
113	NIKAM SUSMITA VASANT	4	3	8	4
114	PALKE SAKSHI LAXMAN	7	3	9	4
115	PATIL BALASAHEB KRUSHNA	3	3	8	5
116	PATIL GAURI DILIP	3	3	9	5
117	PATIL MANOJ ANIL	7	3	5	3
118	PAWAR SHRUTI SUNIL	3	4	8	5
119	RAJVEER VAISHNAVI VIJAY	5	5	6	3
120	RAKSHE DIPALI DATTATRAY	8	5	9	5
121	RAKSHE VANITA BABAN	9	4	8	5
122	SAKPAL KARINA SAKHARAM	7	4	8	3
123	SAKPAL SAHIL JAYRAM	8	4	9	4
124	SALE PRITEE MAHADEV	9	3	6	5
125	SATHE SNEHAL BHASKAR	3	2	8	3

126	SHAIKH AASMABEGAM SALAUDDIN	6	2	7	3
127	SONAWANE ANIKET DHONDIBA	5	5	8	4
128	TALEKAR ARATI VIJAY	7	4	8	3
129	UPADHYAY GOVIND JAYPRAKASH	8	4	7	4
130	WALUNJKAR KIRTI RAJARAM	8	3	8	5
131	WALUNJKAR KOMAL RAMKRUSHNA	7	5	8	3
132	BAGADE SHAKTI DIPAK	7	4	7	5
133	BANSODE MAHENDRA RAHUL	6	4	8	4
134	CHOLSE ANAND DHONDIRAM	4	5	9	3
135	LOKHANDE NEHA MILIND	7	3	9	5
136	MAHADIK MAYUR BALIRAM	9	3	9	3
137	MAHENDRAKAR SHUBHAM TUKARAM	8	5	8	2
138	RODE RASIKA RAM	9	3	7	4
139	SAGAT PRAJAKTA DNYANESHWAR	7	4	9	3
140	KADAM RENUKA PRAMOD	8	3	8	5
141	MAHESH DATTATRYA BORADE	7	3	6	3
142	BHOSALE PAYAL RAVINDRA	8	2	9	3
143	KAPSE YOGESH RAJU	3	3	7	5
144	TURUKMARE RITESH SHAMRAO	5	3	8	4
145	SHINDE SHWETA VITTHAL	4	4	7	3

<b>Attempts</b>	<b>145</b>	<b>145</b>	<b>145</b>	<b>145</b>
<b>Scores above 50%</b>	<b>125</b>	<b>136</b>	<b>133</b>	<b>139</b>
<b>Attainments %</b>	<b>86.21</b>	<b>93.79</b>	<b>91.72</b>	<b>95.86</b>
<b>Attainment on 3 Point Scale</b>	<b>2.59</b>	<b>2.81</b>	<b>2.75</b>	<b>2.88</b>
<b>Average</b>		<b>2.70</b>		<b>2.81</b>



*U. O. D.*

Department of Commerce  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune-411 017.



Rayat Shikshan Sanstha's  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Department of Commerce (A.Y. 2022-23)

Class : B.Com.-III

SPECIAL ELECTIVE COURSE (Special Course – II)

(Banking & Finance-Special Paper II)

Subject : Financial Markets and Institutions in India – II

Sr. No	Name of the Students	Grade
1	ANGRE OMKAR SARDAR	A+
2	BAMBALE PRIYANKA GOVINDA	F
3	BHISE SAYALI SUNIL	F
4	BIKKAD RUSHIKESH SANTOSH	B+
5	BORKAR PRADNYA VASANTO	B+
6	CHAVAN BHUSHAN UDAY	A
7	CHAVAN YASH SATISH	B+
8	CHIKKANALI DURGAPPA SHANKARAPPA	F
9	DHAGE SUJATA SHIVAJIRAO	A
10	DHAGE TUSHAR NANDHKUMAR	F
11	EKSHINGE TEJAS ANIL	F
12	GAIKWAD AKASH PANDURANG	F
13	GAIKWAD KUNAL ANIL	B+
14	GAIKWAD TEJAS PRITAM	B+
15	GAVHANE RAJ SANTOSH	F
16	GHOTANKAR AMOL DNYANESHWAR	F
17	GOBADE ANIKET VYANKAT	F
18	GUMANE RITIK VINOD	F
19	HINGANE PRATHMESH RAJENDRA	A
20	HIEMAT SANGAMESH SADHASHIVAYYA	F
21	HULE DEVKAR RUSHIKESH PUNDALIK	F
22	INGALE NISHA ANIL	F
23	KADAM AKANKSHA RAJU	F
24	KAMBLE AARTI LIMBRAJ	F
25	KAMBLE PRERANA BALI	F
26	KAMBLE SAHIL SUDHAKAR	F
27	KAMBLE SHRUSHTI SANTOSH	A
28	KATE PAYAL DATTATRAY	F
29	KATHE VAIBHAV DEVANAND	F
30	KEDARI RAJESHREE VIJAY	F
31	KHADE MANISH RAGHUNATH	F
32	KHALADAKAR ATHRAV MANOJ	F
33	KHAN TAUSIF TASLIM	F
34	KHARADE AJINKYA PRAVIN	F



35	KHOCHADE TEJAS KASHINATH	F
36	KSHETRE PRITI PANDURANG	F
37	KULKARNI AVANTI JAYANT	F
38	KUMBHAR DURGA NANASAHEB	B+
39	LONDHE SAGAR NARAYAN	F
40	LUTE TANUPRIYA SIDDHESHWAR	F
41	MANE KOMAL RAJU	F
42	MANE SURAJ SIKANDAR	F
43	MANJARE TEJASHREE KUMAR	F
44	MEHUNKAR KESHAV RAMKRUSHAN	F
45	MELKUNDE RAHUL SUGRIV	F
46	MUJAVAR JAVED ALISAB	A+
47	MUJAWAR HASAN SAIPAN	A
48	MULAY PUNAM NAMDEV	F
49	MUNGALE DIPAK LAXMAN	F
50	MUNGSE SNEHAL HANUMANT	A
51	PARDESHI POOJA RAJENDRA	F
52	PARDESHI VARSHA HARISING	F
53	PITALE AKASH ASARAM	F
54	POLDAS SHUBHAM KONDIRAM	F
55	SABDE CHANDRAKANT YOURAJ	F
56	SALUNKHE OMKAR DADARAO	F
57	SALVE NILESH PRAMOD	F
58	SALVI NAMRATA SANDIP	F
59	SAMDADDE RAHUL JAGADISH	F
60	SARNE SACHIN TANAJI	F
61	SAWAT PRATIK ANKUSH	F
62	SHAIKH MUSTAK MANSOOR	F
63	SHINDE ARPITA ASHOK	F
64	SOLANKE VISHNU HARI	F
65	SONAWANE KUSUM SHIVAJI	F
66	SURVASE SUMIT PARMESHWAR	A
67	SURYAWANSHI VISHAL RAMKRUSHNA	A+
68	SUTAR PRAJAKTA POPAT	A
69	SUTAR SANKET ANANDA	F
70	TAILOR NAZIYA MUMAR	A
71	TALAPE ROHIT MARUTI	A
72	TANGADE PRATIKSHA SHIVAJI	F
73	UGHADE BHAKTI SURESH	A
74	UGHADE GOMATI GANESH	B+
75	UTTEKAR MANASI MAHESH	F
76	VALEKAR ROHAN KATYAPPA	F
77	VARHADE RAVINDRA DEVRAO	F



78	VILKAR CHAITALI VILAS	F
79	WAGHERE GANESH SANDEEP	F
80	WALEKAR RADHESHAM APPASAHEB	A
81	BEBLE SUPRIYA CHANBAS	A
82	BHAWARI TEJAS SITARAM	A
83	DAGADE RAHUL MARUTI	A
84	DUGALKAR BAGESH MUKTTANNA	A
85	GANGURDE SARANG SHANTARAM	A
86	GHADGE MAYUR SHASHIKANT	A
87	GHADGE RADHA RAMANATH	F
88	GHOIRAT ANIKET NAVAJI	A
89	GOLE HARSHALI AVINASH	F
90	JADHAV AKANSHA DNYANESHWAR	A
91	JADHAV RAHUL LOKNATH	F
92	JADHAV ROSHANI CHANDRAKANT	A+
93	JADHAV SAHIL PRABHU	A
94	JAGTAP AARTI SOMNATH	A
95	JAISWAR ISHWAR SHYAMSUNDAR	A
96	JAMADAR ANJALI TUKARAM	F
97	KAMBLE NIVRUTTI JAYWANT	A
98	KAMITKAR VISHAKHA SHANKAR	B+
99	KHAN RAHAT ABDULGAFFAR	A
100	KHANDAGALE PRERANA AVINASH	B+
101	KHARADE ABOLI VIJAY	A
102	KHORDE BHAGYASHRI KONDIRAM	A+
103	KOLI GANESH GAURISHANKAR	A
104	KSHIRSAGAR VARSHA BANDU	F
105	KUDALE SNEHAL SANJAY	A
106	KUTE NEHA TEJRAO	A
107	LANDGE PRADNYA TRIMBAK	A
108	MANE MAHESH RAJARAM	A
109	MANORE PRADNYA MAHADEV	F
110	MORE PRIYA MAROTI	A
111	MORE ANIKET YUVRAJ	A+
112	MUNDHE ASHWINI RAMDAS	A
113	NIKAM SUSMITA VASANT	A
114	PALKE SAKSHI LAXMAN	A
115	PATIL BALASAHEB KRUSHNA	A
116	PATIL GAURI DILIP	A
117	PATIL MANOJ ANIL	A
118	PAWAR SHRUTI SUNIL	A
119	RAJVEER VAISHNAVI VIJAY	F
120	RAKSHE DIPALI DATTATRAY	F

121	RAKSHE VANITA BABAN	F
122	SAKPAL KARINA SAKHARAM	A
123	SAKPAL SAHIL JAYRAM	A
124	SALE PRITEE MAHADEV	A
125	SATHE SNEHAL BHASKAR	A
126	SHAIKH AASMABEGAM SALAUDDIN	A
127	SONAWANE ANIKET DHONDIBA	A
128	TALEKAR ARATI VIJAY	A+
129	UPADHYAY GOVIND JAYPRAKASH	A+
130	WALUNJKAR KIRTI RAJARAM	A
131	WALUNJKAR KOMAL RAMKRUSHNA	A
132	BAGADE SHAKTI DIPAK	F
133	BANSODE MAHENDRA RAHUL	F
134	CHOLSE ANAND DHONDIRAM	F
135	LOKHANDE NEHA MILIND	B+
136	MAHADIK MAYUR BALIRAM	F
137	MAHENDRAKAR SHUBHAM TUKARAM	F
138	RODE RASIKA RAM	F
139	SAGAT PRAJAKTA DNYANESHWAR	F
140	KADAM RENUKA PRAMOD	F
141	MAHESH DATTATRYA BORADE	F
142	BHOSALE PAYAL RAVINDRA	F
143	KAPSE YOGESH RAJU	F
144	TURUKMARE RITESH SHAMRAO	F
145	SHINDE SHWETA VITTHAL	B

<b>Attempts</b>	<b>145</b>
<b>Scores above F Grade (No. pass Students )</b>	<b>66</b>
<b>Attainments %</b>	<b>45.52</b>

<b>Level 1</b>	<b>Less than 60%</b>	<b>1</b>
<b>Level 2</b>	<b>60-79%</b>	<b>2</b>
<b>Level 3</b>	<b>80 and Above</b>	<b>3</b>



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H. O. D.

Department of Commerce  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune-411 017.



Rayat Shikshan Sanstha's  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Class: T.Y.B.COM. SEM-V  
Subject : Banking & Finance- II (Test -I)  
Financial Market and Institutions in India

**Marks : 30**

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1. Define Capital Market. Explain the structure of Capital Market in India. (10)

**Or**

1. Explain the term Money Market. Explain various instruments used in Indian Money Market.

2. Explain the objectives and advantages of OTCEI. (10)

**Or**

2. Explain the Participants in Indian Capital Market.

3. What is Foreign Exchange? Explain the functions of Foreign Exchange. (10)

**Or**

3. Explain recent development in Foreign Exchange Market.





Rayat Shikshan Sanstha's  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Class: T.Y.B.COM. SEM-VI  
Subject : Banking & Finance- II (Test -II)  
Financial Market and Institutions in India

**Marks : 30**

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1. What is Primary Market? Explain the functions and Participants in Primary Market. (10)

**Or**

1. What is Marchant Banking? Explain the Functions of Marchant Banking.

2. Explain in detail about the Cash Market, Future Market and Option Market. (10)

**Or**

2. State the different types of Options in Stock Market in detail.

3. What is Non-Banking Financial Institution? Explain the the difference between bank and NBFIs. (10)

**Or**

3. Explain the working and Functions of Life Insurance Companies.

Rayat Shikshan Sansthas

**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**

**Department of Commerce (A.Y. 2022-23)**

**Class : M.Com.-II**

**SPECIAL ELECTIVE SUBJECT - Group G (Advanced Banking & Finance)**

**Subject : Foreign Exchange**



## ATTAINMENT SUMMARY

### COURSE OUTCOMES

<b>After successfully completing this course, students will be able to:</b>	
<b>CO 1</b>	Analyze the fundamental features of the foreign exchange market, including its participants, spot and forward markets, and assess the effectiveness of various hedging techniques in managing currency risk.
<b>CO 2</b>	Evaluate the significance of the Foreign Exchange Management Act (FEMA) and its impact on foreign exchange transactions, demonstrating a clear understanding of its origin and scope.
<b>CO 3</b>	Explain the factors influencing exchange rates and their implications for international trade and investment decisions, showcasing a comprehensive grasp of global economic dynamics.
<b>CO 4</b>	Differentiate between various types of non-resident accounts, such as NRE, NRO, FCNR, and RFC, and propose suitable scenarios for their application in international financial transactions.
<b>CO 5</b>	Construct strategies for managing risks associated with foreign exchange transactions and international trade, considering recent developments and innovations in the foreign exchange market.
<b>CO 6</b>	Appraise the methods of financing foreign trade, including pre-shipment and post-shipment credit, export credit agencies, and assess their impact on facilitating international business transactions.

### CO Attainment

<b>Course Outcomes</b>	<b>Test</b>	<b>Assignment &amp; Oral</b>	<b>Avarage</b>	<b>End Exam</b>	<b>Attainment</b>
<b>CO 1</b>	2.75	2.83	2.79	3	2.83
<b>CO 2</b>	2.83	2.83	2.83	3	2.86
<b>CO 3</b>	2.83	2.83	2.83	3	2.86
<b>CO 4</b>	2.75	2.92	2.84	3	2.87

32	RANSING PRIYANKA SOPAN	8	6	7	5	8	6
33	SALVE AJAY SHIVAJI	6	5	8	6	7	5
34	SAMIR SHAFIK MANYAR	9	8	6	4	6	6
35	SHIVANJALI ANIL BORAVAKE	5	6	8	7	7	7
36	SHUKLA KAJAL OMPRAKASH	8	8	7	6	6	6

Attempts	36	36	36	36	36	36
Scores above 50% (Threshold value)	33	34	34	33	35	34
Attainments %	91.67	94.44	94.44	91.67	97.22	94.44
Attainment on 3 Point Scale	2.75	2.83	2.83	2.75	2.92	2.83



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Rayat Shikshan Sanstha's  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Department of Commerce (A.Y. 2022-23)

Class : M.Com.-II

SPECIAL ELECTIVE SUBJECT - Group G (Advanced Banking & Finance)

Subject : Foreign Exchange

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	ANGARAKH PRADEEP GANESH	6	3	6	3
2	BANSODE PRATIKSHA PRADEEP	5	4	5	4
3	BHATI VAISHNAVI RAJESH	6	3	7	3
4	BORHADE PALLAVI GANESH	8	3	6	5
5	CHOUDHARI HARSHAD SHAHURAO	7	3	8	3
6	DAWANDE SURAJ KAUTIK	6	4	8	4
7	DHINDHALE KIRAN MARUTI	5	5	6	3
8	DOKADE SHANKAR SAMBHAJI	8	3	6	3
9	DONGARE KOMAL MADHAV	7	3	7	4
10	GHODE NILAM KHEVAJI	6	3	8	5
11	GHONGADE RUTIK CHANGDEV	5	3	9	3
12	GIRASE RAHUL DHANSING	6	4	6	3
13	HENDAGE VAISHNAVEE TUKARAM	7	3	5	4
14	JADHAV APURVA ANIL	6	3	4	5
15	JADHAV KOMAL RAJKUMAR	8	4	8	3
16	KAKADE RUPALI MANOJ	6	3	6	3
17	KAMBLE SHEETAL SANJAY	5	5	5	4
18	KAWALE SHAM KAILAS	6	3	6	5
19	KHANDAGALE RENUKA RAJU	8	4	8	3
20	KHAPARE SAMPADA SITARAM	7	3	7	4
21	KIRTE RAHUL DHANAJI	6	3	6	3
22	KOLI ABHIJEET VITTHAL	5	4	5	5
23	KORGAONKAR PALLAVI PRADIP	6	4	6	4
24	LOHAKARE TEJAS LAXMAN	7	4	7	3
25	MANE ABHISHEK RAM	5	3	8	4
26	MANE PRANIT ARUN	4	5	8	4
27	MANE SUCHITA PRAMOD	3	3	6	3
28	MORE SHRADDHA SATISH	6	5	7	5
29	PANCHMUKH SNEHA ASHOK	7	3	9	3
30	PATIL AKASH BABU	8	4	7	4
31	PATIL RUSHIKESH RAJARAM	8	5	6	4
32	RANSING PRIYANKA SOPAN	6	5	6	3

33	SALVE AJAY SHIVAJI	6	2	3	4
34	SAMIR SHAFIK MANYAR	5	3	5	4
35	SHIVANJALI ANIL BORAVAKE	4	3	8	5
36	SHUKLA KAJAL OMPRAKASH	7	4	6	3

Attempts	36	36	36	36
Scores above 50%	33	35	34	36
Attainments %	91.67	97.22	94.44	100.00
Attainment on 3 Point Scale	2.75	2.92	2.83	3.00
Average		2.83		2.92



  
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 Department of Commerce  
 Mahatma Phule Mahavidyalaya  
 Pimpri, Pune-411 017.

36	SHUKLA KAJAL OMPRAKASH	B+
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Attempts	36
Scores above F Grade (No. pass Students )	29
Attainments %	80.56

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3



  
**H. O. D.**  
Department of Commerce  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune-411 017.



Rayat Shikshan Sanstha's  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Class: M.Com.-II Sem.-III  
Subject: Foreign Exchange (Test -I)

**Marks : 30**

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1. Who are the main participants in the foreign exchange market? (10)

**Or**

1. What is the difference between the spot and forward markets in foreign exchange?

2. What does FEMA stand for, and what is its main purpose in foreign exchange transactions? (10)

**Or**

2. How does FEMA impact the regulation of foreign exchange transactions?

3. Identify and describe three key factors that influence exchange rates in the foreign exchange market. (10)

**Or**

3. Why is it important for businesses to understand global economic dynamics when dealing with foreign exchange?



Rayat Shikshan Sanstha's  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Class: M.Com.-II Sem.-III  
Subject: Foreign Exchange (Test -II)

**Marks : 30**

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1. Give an example of a situation where an NRO account might be used in international financial transactions. (10)

**Or**

1. Can you briefly describe the differences between NRE, NRO, FCNR, and RFC accounts?

2. How do businesses typically manage risks associated with foreign exchange transactions? (10)

**Or**

2. Why is staying updated on recent developments in the foreign exchange market important for risk management?

3. What is pre-shipment credit in the context of foreign trade, and when might it be used? (10)

**Or**

3. Explain the role of export credit agencies in facilitating international business transactions.



Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Department of Economics

Class : T.Y.B.A.

Sub.: International Economics

Academic Year 2022-23

ATTAINMENT SUMMARY

COURSE OUTCOMES

After successfully completing this course, students will be able to:

CO 1	To relate and recall the concepts of International Economics and International Trade.
CO 2	To describe and apply the theories of international trade.
CO 3	To explain and comprehend the issues relating to Terms of trade and Balance of Payment.
CO 4	Ability to relate and explain the concept of Exchange Rate and Foreign Exchange Market.
CO 5	Ability to describe the trends in Growth, Composition and Direction of India's Foreign Trade.
CO 6	Ability to comprehend the issues relating to Foreign Capital and Regional and International Co-Operation.

CO Attainment					
Course Outcomes	Test	Assignment &		End Exam	Attainment
		Oral	Average		
CO 1	2.4	2.7	2.55	2	2.44
CO 2	1.8	2.7	2.25	2	2.20
CO 3	2.1	2.7	2.40	2	2.32
CO 4	1.8	2.25	2.03	2	2.02
CO 5	1.8	2.25	2.03	2	2.02
CO 6	1.5	2.25	1.88	2	1.90
Overall CO Attainment					2.15

Attainment = End Exam 20%+ Internal 80%

FORMULA of Attainment := Attainment of End Exam \*0.2+Attainment of CIE \*0.8

CO-PO MAPPING												
CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	2	-	2	-	3	-	-	2	-	3	3
CO 2	-	3	-	2	1	2	3	2	3	2	-	2
CO 3	3	-	-	3	3	-	-	3	-	-	-	3
CO 4	3	3	-	3	-	-	1	-	-	-	-	3
CO 5	2	2	3	3	-	2	-	-	2	-	2	2
CO 6	-	-	3	-	2	-	3	-	3	-	3	-
Weighted Average	2.67	2.50	3.00	2.6	2.0	2.33	2.33	2.5	2.5	2	2.67	2.6
Overall Mapping of Subject												2.48

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put "-."



*[Signature]*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.

FORMULA : PO attainment = (CO attainment \* CO-PO Mapping)/Max correlation strength 3

CO-PO ATTAINMENT												
CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	1.63	-	1.63	-	2.20	-	-	1.63	-	2.44	2.44
CO 2	-	2.20	-	1.47	0.73	1.47	2.20	1.47	2.20	1.47	-	1.47
CO 3	2.32	-	-	2.32	2.32	-	-	2.32	-	-	-	2.32
CO 4	2.02	2.02	-	2.02	-	-	0.67	-	-	-	-	2.02
CO 5	1.35	1.27	2.02	2.02	-	1.35	-	-	1.35	-	1.35	1.27
CO 6	-	-	1.90	-	1.27	-	1.90	-	1.90	-	1.90	-
Average	1.90	1.78	1.96	1.89	1.44	1.67	1.59	1.89	1.77	1.47	1.90	1.90
Overall Attainment of the Subject												1.76

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE: 80% of final direct attainment + 20% of final indirect attainment



*[Signature]*  
 PRINCIPAL  
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 PIMPRI, PUNE-411 017.

Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Department of Economics

Class : T.Y.B.A.

Sub.:Public Finance

ATTAINMENT SUMMARY

Academic Year 2022-23

COURSE OUTCOMES

After successfully completing this course, students will be able to:

CO 1	Describe role of Government in an economy and role of public finance in economic development.
CO 2	Describe sources of income, concepts and principles related to public revenue, taxation and status of Indian taxation, public expenditure in India and effects of current trend of growth in public expenditure.
CO 3	Examine external and internal debts of government and ways to repay public debts.
CO 4	Illustrate concepts of budgeting and Indian budgeting with special reference to gender budget.
CO 5	Describe purpose and process of deficit financing in economy and trends in deficit financing in India.
CO 6	Describe federal finance in India and problems related to centre and state financial relationships.

CO Attainment

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.4	2.33	2.37	2	2.29
CO 2	1.8	2.33	2.07	2	2.05
CO 3	2.1	2.33	2.22	2	2.17
CO 4	1.8	2.17	1.99	2	1.99
CO 5	1.8	2.17	1.99	2	1.99
CO 6	1.8	2.17	1.99	2	1.99
Overall CO Attainment					2.08

Attainment = End Exam 20%+ Internal 80%

FORMULA : CO Attainment = Attainment of End Exam \*0.2+Attainment of CIE \*0.8

CO-PO MAPPING

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	-	-	-	2	3	2	-	-	3	2	-
CO 2	3	2	3	-	2	3	3	-	-	3	-	2
CO 3	2	2	3	-	-	-	-	-	-	3	-	2
CO 4	-	-	-	-	-	-	-	-	-	2	3	-
CO 5	3	-	-	3	-	-	-	-	-	-	3	-
CO 6	-	3	-	-	-	3	3	-	3	-	-	-
Weighted Average	2.67	2.33	3.00	3	2.00	3	2.75	3	3	2.5	2.5	2
Overall Mapping of Subject												2.65

FORMULA : PO attainment = (CO attainment \* CO-PO Mapping)/Max correlation strength 3

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put "-."



*Shant*  
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MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.

CO-PO ATTAINMENT												
CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	-	-	-	1.52	1.52	1.53	-	-	2.29	1.53	-
CO 2	2.05	1.37	2.05	-	1.37	2.05	2.05	-	-	2.05	-	1.37
CO 3	1.45	1.45	2.05	-	-	-	-	-	-	1.45	2.17	-
CO 4	-	-	-	-	-	-	1.99	-	-	-	1.99	-
CO 5	1.99	-	-	1.99	-	-	-	1.99	-	-	-	-
CO 6	-	1.99	-	-	-	1.99	1.99	-	1.99	1.33	1.33	1.33
Average	1.83	1.60	2.05	1.99	1.44	1.85	1.89	1.99	1.99	1.78	1.75	1.35
Overall Attainment of the Subject												1.79

**COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:**

80% of final direct attainment + 20% of final indirect attainment



*[Signature]*  
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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Department of Economics**  
**Academic Year 2022-23**  
**Class : T.Y.B.A.**  
**Subject : Public Finance**

Sr. No	Tool	Test 1			Test-2		
	CO	1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BARANE SOMESH NANDKUMAR	9	7	6	6	5	6
2	GUJARATHI PALLAVI ASHOK	5	4	3	4	4	3
3	KALE ADITYA RAJU	4	3	4	6	3	6
4	KHAN SIMRAN RAHIM	6	5	6	3	5	3
5	NAYBAL ABHISHEK NILKANTH	3	4	3	3	4	3
6	SABLE NIKITA ARUN	7	6	5	5	4	5
7	SAWANT KIRAN PRABHAKAR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
8	TAYDE ANKITA KAILAS	6	8	9	8	7	8
9	WADEKAR VISHAL OMPRAKASH	5	6	5	4	5	7
10	TULSE SHRDHA DEVIDAS	5	4	5	5	5	4
11	TULSE SUMIS DEVIDAS	6	7	7	7	9	7

Attempts	10	10	10	10	10	10
Scores above 50% (Threshold value)	8	6	7	6	6	6
Attainments %	80.00	60.00	70.00	60.00	60.00	60.00
Attainment on 3 Point Scale	2.40	1.80	2.10	1.80	1.80	1.80



*[Signature]*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Department of Economics  
Academic Year 2022-23  
Class: T.Y.B.A.  
Subject : Public Finance

Sr. No	Tool CO Maximum Marks Name of the Students	Assignment-1 Oral-1		Assignment-2	Oral-2
		1,2,3	1,2,3	4,5,6	4,5,6
		10	5	10	5
1	BARANE SOMESH NANDKUMAR	9	4		
2	GUJARATHI PALLAVI ASHOK	4	2	6	5
3	KALE ADITYA RAJU	2	3	3	2
4	KHAN SIMRAN RAHIM	3	3	4	2
5	NAYBAL ABHISHEK NILKANTH	4	3	4	3
6	SABLE NIKITA ARUN	9	5	6	4
7	SAWANT KIRAN PRABHAKAR			7	3
8	TAYDE ANKITA KAILAS	ABSENT	ABSENT	ABSENT	ABSENT
9	WADEKAR VISHAL OMPRAKASH	6	5	8	3
10	TULSE SHRDHA DEVIDAS	5	2	3	5
11	TULSE SUMIS DEVIDAS	9	5	9	2
		6	4	7	4

Attempts	9	9	9	9
Scores above 50%	6	8	6	7
Attainments %	66.67	88.89	66.67	77.78
Attainment on 3 Point Scale	2.00	2.67	2.00	2.33
Average		2.33		2.17



*Smt*  
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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Department of Economics**  
**Academic Year 2022-23**  
**Class : T.Y.B.A.**

**Subject : Public Finance (Semister End Exam)**

Sr. No	Name of the Students	Grade
1	BARANE SOMESH NANDKUMAR	A
2	GUJARATHI PALLAVI ASHOK	F
3	KALE ADITYA RAJU	F
4	KHAN SIMRAN RAHIM	A
5	NAYBAL ABHISHEK NILKANTH	ABSENT
6	SABLE NIKITA ARUN	C
7	SAWANT KIRAN PRABHAKAR	ABSENT
8	TAYDE ANKITA KAILAS	A+
9	WADEKAR VISHAL OMPRAKASH	A+
10	TULSE SHRDHA DEVIDAS	D
11	TULSE SUMIS DEVIDAS	B

<b>Attempts</b>	<b>9</b>
<b>Scores above F Grade (No. pass Students )</b>	<b>7</b>
<b>Attainments %</b>	<b>77.78</b>

<b>Level 1</b>	<b>Less than 60%</b>	<b>1</b>
<b>Level 2</b>	<b>60-79%</b>	<b>2</b>
<b>Level 3</b>	<b>80 and Above</b>	<b>3</b>



  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Department of Marathi (A.Y. 2022-23)  
Class : B.A. (Marathi)  
Subject : मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास १६०० ते १८१७ (S3)

### ATTAINMENT SUMMARY

#### COURSE OUTCOMES

After successfully completing this course, students will be able to:	
CO 1	मराठी वाङ्मय इतिहास, स्वरूप, प्रेरणा समजेल.
CO 2	मध्ययुगीन कालखंडाची सांस्कृतिक पार्श्वभूमी समजेल.
CO 3	मध्ययुगीन कालखंडाची सामाजिक पार्श्वभूमी समजेल.
CO 4	मराठी भाषा साहित्याचा इतिहास समजेल.
CO 5	मध्ययुगीन कालखंडाची राजकीय पार्श्वभूमी समजेल.
CO 6	मध्ययुगीन कालखंडातील भाषेचे स्वरूप समजावून घेता येईल.

#### CO Attainment

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.50	2.63	2.57	3	2.65
CO 2	2.75	2.63	2.69	3	2.75
CO 3	3.00	2.63	2.82	3	2.85
CO 4	2.75	2.88	2.82	3	2.85
CO 5	3.00	2.88	2.94	3	2.95
CO 6	2.75	2.88	2.82	3	2.85
<b>Overall CO Attainment</b>					<b>2.82</b>
<b>Attainment = End Exam 20%+ Internal 80%</b>					



CO-PO MAPPING												
CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	3	3	3		3		3	3		3	3
CO 2				3					3	3	3	3
CO 3				3					2		2	1
CO 4		3	3		3		3		1	3	2	2
CO 5				3			3		2		1	2
CO 6	3	3	3		3	3	3	3	3	3	3	3
Weighted Average	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.33	3.00	2.33	2.33
Overall Mapping of Subject												2.83

Note:

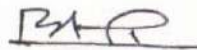
Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put "-."

CO-PO ATTAINMENT												
CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2.65	2.65	2.65	2.65		2.65		2.65	2.65		2.65	2.65
CO 2				2.75					2.75	2.75	2.75	2.75
CO 3				2.85					1.90		1.90	0.95
CO 4		2.85	2.85		2.85		2.85		0.95	2.85	1.90	1.90
CO 5				2.95			2.95		1.97		0.98	1.97
CO 6	2.85	2.85	2.85		2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
Average	2.75	2.79	2.79	2.80	2.85	2.75	2.89	2.75	2.18	2.82	2.17	2.18
Overall Attainment of the Subject												2.64

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment



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Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

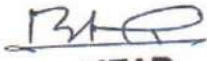
**Department of Marathi (A.Y. 2022-23)**

Class : B.A. (Marathi)

Subject : मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास १६०० ते १८१७ (S3)

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	DAWANE SHUBHAM BHAUSAHEB	6	4	7	4
2	KALYANSHEITY NAMRUTA UMAKAN	7	2	8	4
3	SHELKE PRATIK DIGAMBAR	7	3	8	3
4	TIRKHUNDE VISHAL RAMDAS	4	4	7	4
5	WAGHMARE MONIKA DHONDIBA	5	4	6	3
6	JAGADE PRATIKSHA DATTATRAY	6	3	4	3
7	KAMBALE PAVAN PRAMOD	5	4	8	3
8	KHORATE VIKAS SITARAM	8	3	8	4
9	MAHALE VANDANA NAMDEV	7	3	6	4
10	ZODGE AMIT SHIVAJI	9	3	5	4
11	NAKHATE PRAJAKTA MAHENDRA	4	5	6	3
12	PHATAK VIKRAM SURESH	6	4	7	4

Attempts	12	12	12	12
Scores above 50%	10	11	11	12
Attainments %	83.33	91.67	91.67	100.00
Attainment on 3 Point Scale	2.50	2.75	2.75	3.00
Average		2.63		2.88

  
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Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Department of Marathi (A.Y. 2022-23)

Class : B.A. (Marathi)

Subject : मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास १६०० ते १८१७ (S3)

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	DAWANE SHUBHAM BHAUSAHEB	6	4	7	4
2	KALYANSHEITY NAMRUTA UMAKAN	7	2	8	4
3	SHELKE PRATIK DIGAMBAR	7	3	8	3
4	TIRKHUNDE VISHAL RAMDAS	4	4	7	4
5	WAGHMARE MONIKA DHONDIBA	5	4	6	3
6	JAGADE PRATIKSHA DATTATRAY	6	3	4	3
7	KAMBALE PAVAN PRAMOD	5	4	8	3
8	KHORATE VIKAS SITARAM	8	3	8	4
9	MAHALE VANDANA NAMDEV	7	3	6	4
10	ZODGE AMIT SHIVAJI	9	3	5	4
11	NAKHATE PRAJAKTA MAHENDRA	4	5	6	3
12	PHATAK VIKRAM SURESH	6	4	7	4

Attempts	12	12	12	12
Scores above 50%	10	11	11	12
Attainments %	83.33	91.67	91.67	100.00
Attainment on 3 Point Scale	2.50	2.75	2.75	3.00
Average		2.63		2.88



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Mahatma Phule Mahavidyalaya, Pimpri, Pune-17

Department of Marathi (A.Y. 2022-23)


Class : B.A. (Marathi)

Subject : मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास १६०० ते १८१७ (S3)

Sr. No.	Name of the Students	Grade
1	DAWANE SHUBHAM BHAUSAHEB	B
2	KALYANSHEITY NAMRUTA UMAKANT	D
3	SHELKE PRATIK DIGAMBAR	D
4	TIRKHUNDE VISHAL RAMDAS	B
5	WAGHMARE MONIKA DHONDIBA	A
6	JAGADE PRATIKSHA DATTATRAY	A
7	KAMBALE PAVAN PRAMOD	A
8	KHORATE VIKAS SITARAM	B+
9	MAHALE VANDANA NAMDEV	A
10	ZODGE AMIT SHIVAJI	B+
11	NAKHATE PRAJAKTA MAHENDRA	D
12	PHATAK VIKRAM SURESH	F

Attempts	12
Scores above F Grade (No. pass Students )	11
Attainments %	91.67

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Department of Marathi (A.Y. 2022-23)



Class : B.A. (Marathi)

Subject : वर्णनात्मक भाषाविज्ञान भाग-२ (S4)

**ATTAINMENT SUMMARY**

**COURSE OUTCOMES**

After successfully completing this course, students will be able to:	
CO 1	भाषा स्वरूप व त्याचे कार्य समजावून घेता येईल.
CO 2	भाषा अभ्यासाच्या शाखा व पध्दती परिचय होईल.
CO 3	स्वनिर्मितीची प्रक्रिया समजेल.
CO 4	मराठीची रूपव्यवस्था समजेल.
CO 5	वाक्याविन्यासाचा मराठी भाषेसंदर्भात परिचय होईल.
CO 6	अर्थविन्यासाचा परिचय होईल.

**CO Attainment**

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.50	2.75	2.63	3	2.70
CO 2	2.75	2.75	2.75	3	2.80
CO 3	2.50	2.75	2.63	3	2.70
CO 4	3.00	2.88	2.94	3	2.95
CO 5	2.75	2.88	2.82	3	2.85
CO 6	3.00	2.88	2.94	3	2.95
<b>Overall CO Attainment</b>					<b>2.83</b>
<b>Attainment = End Exam 20%+ Internal 80%</b>					

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CO-PO MAPPING												
CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	1		3		3		3	3	2	3	
CO 2	3			3		3		3			3	2
CO 3	3		3		3	3	3	3				
CO 4	3		3		3	3	3	3	3			
CO 5	3		3		3	3	3	3	3			
CO 6	3		3	3	3	3	3	3	3			
Weighted Average	3.00	1.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	3.00	2.00
Overall Mapping of Subject												2.67

Note:


Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put "-"

CO-PO ATTAINMENT												
CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2.70	0.90		2.70		2.70		2.70	2.70	1.80	2.70	
CO 2	2.80			2.80		2.80		2.80			2.80	1.87
CO 3	2.70		2.70		2.70	2.70	2.70	2.70				
CO 4	2.95		2.95		2.95	2.95	2.95	2.95	2.95			
CO 5	2.85		2.85		2.85	2.85	2.85	2.85	2.85			
CO 6	2.95		2.95	2.95	2.95	2.95	2.95	2.95	2.95			
Average	2.83	0.90	2.86	2.82	2.86	2.83	2.86	2.83	2.86	1.80	2.75	1.87
Overall Attainment of the Subject												2.51

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment

  
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**Rayat Shikshan Sanstha's**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Department of Marathi (A.Y. 2022-23)**  
**Class : B.A. (Marathi)**

Subject : वर्णनात्मक भाषाविज्ञान भाग-२ (S4)

Sr. No	Tool	Test 1			Test-2		
		1	2	3	4	5	6
	CO	1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	DAWANE SHUBHAM BHAUSAHEB	6	6	6	6	4	9
2	KALYANSHEITY NAMRUTA UMAKANT	5	5	8	7	7	8
3	SHELKE PRATIK DIGAMBAR	6	8	7	7	6	7
4	TIRKHUNDE VISHAL RAMDAS	8	7	7	8	8	7
5	WAGHMARE MONIKA DHONDIBA	7	7	9	5	9	6
6	JAGADE PRATIKSHA DATTATRAY	6	6	4	6	5	7
7	KAMBALE PAVAN PRAMOD	5	8	3	6	7	5
8	KHORATE VIKAS SITARAM	4	5	5	6	9	5
9	MAHALE VANDANA NAMDEV	4	5	6	9	6	5
10	ZODGE AMIT SHIVAJI	7	9	6	8	5	6
11	NAKHATE PRAJAKTA MAHENDRA	5	8	8	7	8	7
12	PHATAK VIKRAM SURESH	6	4	9	6	7	8

Attempts	12	12	12	12	12	12
Scores above 50% (Threshold value)	10	11	10	12	11	12
Attainments %	83.33	91.67	83.33	100.00	91.67	100.00
Attainment on 3 Point Scale	2.50	2.75	2.50	3.00	2.75	3.00

  
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**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Department of Marathi (A.Y. 2022-23)**  
**Class : B.A. (Marathi)**  
**Subject : वर्णनात्मक भाषाविज्ञान भाग-२ (S4)**

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	DAWANE SHUBHAM BHAUSAHEB	5	3	8	4
2	KALYANSHEITY NAMRUTA UMAKAN	6	2	7	3
3	SHELKE PRATIK DIGAMBAR	7	3	6	3
4	TIRKIHUNDE VISHAL RAMDAS	4	4	7	4
5	WAGHMARE MONIKA DHONDIBA	5	4	9	4
6	JAGADE PRATIKSHA DATTATRAY	6	3	8	4
7	KAMBALE PAVAN PRAMOD	8	5	5	3
8	KHORATE VIKAS SITARAM	7	3	6	4
9	MAHALE VANDANA NAMDEV	9	4	8	3
10	ZODGE AMIT SHIVAJI	6	3	4	3
11	NAKHATE PRAJAKTA MAHENDRA	5	3	5	4
12	PHATAK VIKRAM SURESH	7	3	5	3

Attempts	12	12	12	12
Scores above 50%	11	11	11	12
Attainments %	91.67	91.67	91.67	100.00
Attainment on 3 Point Scale	2.75	2.75	2.75	3.00
Average		2.75		2.88

  
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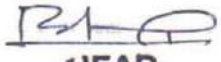


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**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Department of Marathi (A.Y. 2022-23)**  
**Class : B.A. (Marathi)**  
**Subject : वर्णनात्मक भाषाविज्ञान भाग-२ (S4)**

Sr. No.	Name of the Students	Grade
1	DAWANE SHUBHAM BHAUSAHEB	A
2	KALYANSHEITY NAMRUTA UMAKANT	B
3	SHELKE PRATIK DIGAMBAR	B
4	TIRKHUNDE VISHAL RAMDAS	B+
5	WAGHMARE MONIKA DHONDIBA	D
6	JAGADE PRATIKSHA DATTATRAY	A+
7	KAMBALE PAVAN PRAMOD	A
8	KHORATE VIKAS SITARAM	A
9	MAHALE VANDANA NAMDEV	A+
10	ZODGE AMIT SHIVAJI	A
11	NAKHATE PRAJAKTA MAHENDRA	B+
12	PHATAK VIKRAM SURESH	B

<b>Attempts</b>	<b>12</b>
<b>Scores above F Grade (No. pass Students )</b>	<b>12</b>
<b>Attainments %</b>	<b>100.00</b>

<b>Level 1</b>	<b>Less than 60%</b>	<b>1</b>
<b>Level 2</b>	<b>60-79%</b>	<b>2</b>
<b>Level 3</b>	<b>80 and Above</b>	<b>3</b>

  
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**ATTAINMENT SUMMARY**  
**COURSE OUTCOMES**

After successfully completing this course, students will be able to:	
CO 1	To get the awareness of career opportunities available to them.
CO 2	To identify the career opportunities suitable to them
CO 3	To develop competence in using English for the career of their choice.
CO 4	To enhance skills required for their placement
CO 5	To exercise verbal as well as nonverbal communication effectively for their career.
CO 6	To Analyse and apply knowledge in real life situations

**CO Attainment**

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.5	2.5	2.50	2	2.40
CO 2	2.67	2.5	2.59	2	2.47
CO 3	2.5	2.5	2.50	2	2.40
CO 4	2.67	2.5	2.59	2	2.47
CO 5	2.5	2.5	2.50	2	2.40
CO 6	2.67	2.5	2.59	2	2.47
<b>Overall CO Attainment</b>					<b>2.43</b>

Attainment = End Exam 20%+ Internal 80%

**FORMULA : CO Attainment = Attainment of End Exam \*0.2+Attainment of CIE \*0.8**

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1					2	2	2			2		
CO 2	2		2	3	3	2				3		2
CO 3	2		2		3			3	3	3	3	
CO 4	2		2	3	3	3	2	2	3	3	3	3
CO 5	2		2		3	2		3		3		
CO 6	3	2	3		2	3	2	2	3	2	2	2
<b>Wat.Average</b>	<b>2.20</b>	<b>2</b>	<b>2.20</b>	<b>3</b>	<b>2.67</b>	<b>2.4</b>	<b>2.00</b>	<b>2.5</b>	<b>3</b>	<b>2.66666667</b>	<b>2.66667</b>	<b>2.33333</b>
<b>Overall Mapping of Subject</b>												<b>2.47</b>

**FORMULA : PO attainment = (CO attainment \* CO-PO Mapping)/Max correlation strength 3**

Note:  
Correlation levels 1, 2 or 3 as defined below:  
Level 1: Minimal (Low), Level 2: Moderate (Medium), Level 3: Substantial (High), If there is no correlation, put "-."

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	-	-	-	1.62	1.63	1.63	-	-	1.60	0.00	0.00
CO 2	1.59	0.00	1.59	2.39	2.39	1.65	-	-	-	2.47	-	1.65
CO 3	1.63	0.00	1.62	-	2.44	-	-	2.44	2.44	2.44	2.40	-
CO 4	1.61	-	1.61	2.42	2.42	1.57	1.64533	1.61	2.468	2.42	2.47	2.468
CO 5	1.60	0.00	1.57	-	2.40	1.65	-	2.36	-	2.36	-	-
CO 6	2.36	1.57	2.36	-	1.57	2.47	1.65	1.57	2.47	1.65	1.65	1.65
<b>Average</b>	<b>1.76</b>	<b>0.39</b>	<b>1.75</b>	<b>2.41</b>	<b>2.14</b>	<b>1.79</b>	<b>1.64</b>	<b>2.00</b>	<b>2.46</b>	<b>2.16</b>	<b>1.63</b>	<b>1.44</b>
<b>Overall Attainment of the Subject</b>												<b>1.80</b>

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:  
80% of final direct attainment + 20% of final indirect attainment

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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**

**Subject : Appreciating Novel**

Sr. No	Tool	Assignment-1 Oral-1		Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BIDKAR DEEPALI BALASAHEB	8	3	6	3
2	DHOLE KHEMRAJ SUNIL	6	2	8	5
3	KAMBLE ABHISHEK ASHOK	9	3	3	3
4	MANE ANKITA SHANKAR	7	4	6	5
5	MANE UJJWALA BHIMASHANKAR	6	3	9	2
6	MOHITE ROHIT RAJENDRA	4	3	6	3
7	PANDIT SNEHA BALU	8	4	8	4
8	PATOLE MANOJ SAHEBRAO	6	2	3	3
9	PHAD SANGRAM JAGANNATH	9	3	9	5
10	RASKAR SHREYA ATUL	9	2	6	5
11	RAUT SIMANTINI JANARDAN	6	3	6	4
12	TAKALE UMESH HARIBHAU	4	3	8	5
13	VISHWAKARMA MADHU VIJAY	8	4	3	3
14	VISHWAKARMA NIDHI VIJAY	8	3	9	4
15	ANDHALE RAJESH RAMESH	9	5	7	3
16	AVHAD VRUSHABH RAJESH	7	4	8	5
17	AKOTKAR MAYURI MANOHAR	6	5	9	2
18	SHAIKH SADIYA ABDUL HAKIM	3	5	6	2

Attempts	18	18	18	18
Scores above 50%	15	15	15	15
Attainments %	83.33	83.33	83.33	83.33
Attainment on 3 Point Scale	2.50	2.50	2.50	2.50
Average	2.50			2.50

  
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**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**

**Subject : Appreciating Novel (Semister End Exam)**

Sr. No	Name of the Students	Grade
1	BIDKAR DEEPALI BALASAHEB	D
2	DHOLE KHEMRAJ SUNIL	A
3	KAMBLE ABHISHEK ASHOK	B
4	MANE ANKITA SHANKAR	F
5	MANE UJJWALA BHIMASHANKAR	A
6	MOHITE ROHIT RAJENDRA	A
7	PANDIT SNEHA BALU	A
8	PATOLE MANOJ SAHEBRAO	C
9	PHAD SANGRAM JAGANNATH	F
10	RASKAR SHREYA ATUL	A
11	RAUT SIMANTINI JANARDAN	B
12	TAKALE UMESH HARIBHAU	F
13	VISHWAKARMA MADHU VIJAY	C
14	VISHWAKARMA NIDHI VIJAY	C
15	ANDHALE RAJESH RAMESH	B
16	AVHAD VRUSHABH RAJESH	B
17	AKOTKAR MAYURI MANOHAR	F
18	SHAIKH SADIYA ABDUL HAKIM	A

<b>Attempts</b>	<b>18</b>
<b>Scores above F Grade (No. pass Students )</b>	<b>14</b>
<b>Attainments %</b>	<b>77.78</b>

<b>Level 1</b>	<b>Less than 60%</b>	<b>1</b>
<b>Level 2</b>	<b>60-79%</b>	<b>2</b>
<b>Level 3</b>	<b>80 and Above</b>	<b>3</b>

*M. Meena*

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*Smt.*  
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**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**

**Subject : Appreciating Novel**

Sr. No	Tool	Test 1			Test-2		
		1	2	3	4	5	6
	CO	1	2	3	1	2	3
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BIDKAR DEEPALI BALASAHEB	8	7	7	8	6	8
2	DHOLE KHEMRAJ SUNIL	9	8	6	6	9	7
3	KAMBLE ABHISHEK ASHOK	9	7	8	9	7	6
4	MANE ANKITA SHANKAR	4	9	8	7	4	5
5	MANE UJJWALA BHIMASHANKAR	4	7	8	6	6	8
6	MOHITE ROHIT RAJENDRA	7	6	7	6	9	6
7	PANDIT SNEHA BALU	9	4	6	8	7	9
8	PATOLE MANOJ SAHEBRAO	4	8	4	4	4	6
9	PHAD SANGRAM JAGANNATH	8	6	4	4	9	9
10	RASKAR SHREYA ATUL	9	8	8	8	8	8
11	RAUT SIMANTINI JANARDAN	6	7	7	7	9	7
12	TAKALE UMESH HARIBHAU	3	6	9	6	7	6
13	VISHWAKARMA MADHU VIJAY	8	6	7	6	8	6
14	VISHWAKARMA NIDHI VIJAY	7	8	6	8	8	8
15	ANDHALE RAJESH RAMESH	7	4	7	8	8	6
16	AVHAD VRUSHABH RAJESH	6	8	4	6	4	4
17	AKOTKAR MAYURI MANOHAR	4	7	4	8	6	7
18	SHAIKH SADIYA ABDUL HAKIM	8	6	7	9	7	6

Attempts	18	18	18	18	18	18
Scores above 50% (Threshold value)	15	16	15	16	15	16
Attainments %	83.33	88.89	83.33	88.89	83.33	88.89
Attainment on 3 Point Scale	2.50	2.67	2.50	2.67	2.50	2.67

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**ATTAINMENT SUMMARY  
COURSE OUTCOMES**

**After successfully completing this course, students will be able to:**

CO 1	To introduce students to the basics of novel as a literary form
CO 2	To expose students to the historical development and nature of novel
CO 3	To make students aware of different types and aspects of novel
CO 4	To able to interpret and critically appreciate the novels of the selected author
CO 5	To understand major trends and writers in Fiction through detailed study of selected novels.
CO 6	To know the narrative experiments in Postmodern Indian English novel with reference to the text

**CO Attainment**

Course Outcome	Test	Assignment & C	Average	End Exam	Attainment
CO 1	2.67	2.58	2.63	2	2.50
CO 2	2.5	2.58	2.54	2	2.43
CO 3	2.67	2.58	2.63	2	2.50
CO 4	2.67	2.5	2.59	2	2.47
CO 5	2.67	2.5	2.59	2	2.47
CO 6	2.5	2.5	2.50	2	2.40
<b>Overall CO Attainment</b>					<b>2.46</b>

Attainment = End Exam 20%+ Internal 80%

**FORMULA : CO Attainment = Attainment of End Exam \*0.2+Attainment of CIE \*0.8**

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2	3		2	2		2	2	2	2	3	3
CO 2		3			2		2	2	2	2	3	2
CO 3		3	3		2			2	3	3	3	2
CO 4	2	3	2	2	2		2	2		2	3	2
CO 5		3	2		2				2	2	3	2
CO 6		3	2		2	0			3		3	3
Wat.Average	2.00	3	2.25	2	2.00	0	2.00	2	2.4	2.2	3	2.5

**FORMULA : PO attainment = (CO attainment \* CO-PO Mapping)/Max correlation strength 3**

**Overall Mapping of Subject**

**2.11**

levels 1, 2 or 3 as defined below:

**3: Substantial (High), If there is no correlation, put “.”**

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	1.61	2.42		1.61	1.61	0.00	1.61	1.61	1.61	1.61	2.24	2.24
CO 2		2.42			1.61		1.61	1.61	1.61	1.61	2.42	1.61
CO 3		2.47	2.47		1.64			1.64	2.47	2.47	2.47	1.64
CO 4	1.59	2.39	1.59	1.59	1.59		1.59	1.59		1.59	2.39	2.39
CO 5		2.34	1.56		1.56				1.56	1.56	2.34	1.56
CO 6		2.28	1.52		1.52				2.28		2.28	2.28
Average	1.60	2.39	1.79	1.60	1.59	0.00	1.60	1.61	1.91	1.77	2.36	1.95

**Overall Attainment of the Subject**

**1.83**

ALL CO ATTAINMENT IN THE COURSE:



  
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**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**

**Subject : Enhancing Employability Skills**

Sr. No	Tool CO	Test 1			Test-2		
		1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BIDKAR DEEPALI BALASAHEB	8	7	7	8	6	4
2	DHOLE KHEMRAJ SUNIL	9	8	6	6	9	7
3	KAMBLE ABHISHEK ASHOK	9	7	8	9	7	6
4	MANE ANKITA SHANKAR	7	4	6	7	8	5
5	MANE UJJWALA BHIMASHANKAR	8	7	9	6	6	8
6	MOHITE ROHIT RAJENDRA	7	6	7	6	9	3
7	PANDIT SNEHA BALU	9	6	6	8	4	9
8	PATOLE MANOJ SAHEBRAO	7	8	6	4	7	6
9	PHAD SANGRAM JAGANNATH	4	4	6	4	9	9
10	RASKAR SHREYA ATUL	5	8	8	5	8	8
11	RAUT SIMANTINI JANARDAN	6	7	7	7	9	7
12	TAKALE UMESH HARIBHAU	3	6	4	6	7	6
13	VISHWAKARMA MADHU VIJAY	8	8	7	6	8	6
14	VISHWAKARMA NIDHI VIJAY	7	8	6	8	8	8
15	ANDHALE RAJESH RAMESH	7	8	7	8	8	4
16	AVHAD VRUSHABH RAJESH	6	8	6	6	8	9
17	AKOTKAR MAYURI MANOHAR	6	4	4	7	4	4
18	SHAIKH SADIYA ABDUL HAKIM	8	6	7	9	7	6

Attempts	18	18	18	18	18	18
Scores above 50% (Threshold value)	16	15	16	16	16	15
Attainments %	88.89	83.33	88.89	88.89	88.89	83.33
Attainment on 3 Point Scale	2.67	2.50	2.67	2.67	2.67	2.50

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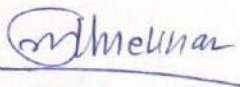
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Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : Enhancing Employability Skills

Sr. No	Tool CO Maximum Marks	Assignment-1	Oral-1	Assignment-2
		1,2,3	1,2,3	4,5,6
		10	5	10
	Name of the Students			
1	BIDKAR DEEPALI BALASAHEB	8	3	6
2	DHOLE KHEMRAJ SUNIL	6	5	8
3	KAMBLE ABHISHEK ASHOK	9	3	3
4	MANE ANKITA SHANKAR	7	4	6
5	MANE UJJWALA BHIMASHANKAR	6	2	9
6	MOHITE ROHIT RAJENDRA	4	3	6
7	PANDIT SNEHA BALU	8	4	8
8	PATOLE MANOJ SAHEBRAO	6	2	3
9	PHAD SANGRAM JAGANNATH	9	3	9
10	RASKAR SHREYA ATUL	9	4	6
11	RAUT SIMANTINI JANARDAN	6	3	5
12	TAKALE UMESH HARIBHAU	4	3	8
13	VISHWAKARMA MADHU VIJAY	8	4	8
14	VISHWAKARMA NIDHI VIJAY	8	3	9
15	ANDHALE RAJESH RAMESH	9	5	7
16	AVHAD VRUSHABH RAJESH	7	4	3
17	AKOTKAR MAYURI MANOHAR	6	5	9
18	SHAIKH SADIYA ABDUL HAKIM	3	5	6

Attempts	18	18	18
Scores above 50%	15	16	15
Attainments %	83.33	88.89	83.33
Attainment on 3 Point Scale	2.50	2.67	2.50
Average		2.58	



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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**

**Subject : Enhancing Employability Skills**

Sr. No	Name of the Students	Grade
1	BIDKAR DEEPALI BALASAHEB	D
2	DHOLE KHEMRAJ SUNIL	A
3	KAMBLE ABHISHEK ASHOK	B
4	MANE ANKITA SHANKAR	AB
5	MANE UJJWALA BHIMASHANKAR	F
6	MOHITE ROHIT RAJENDRA	B
7	PANDIT SNEHA BALU	A
8	PATOLE MANOJ SAHEBRAO	C
9	PHAD SANGRAM JAGANNATH	F
10	RASKAR SHREYA ATUL	A
11	RAUT SIMANTINI JANARDAN	B
12	TAKALE UMESH HARIBHAU	F
13	VISHWAKARMA MADHU VIJAY	C
14	VISHWAKARMA NIDHI VIJAY	C
15	ANDHALE RAJESH RAMESH	B
16	AVHAD VRUSHABH RAJESH	B
17	AKOTKAR MAYURI MANOHAR	F
18	SHAIKH SADIYA ABDUL HAKIM	A

<b>Attempts</b>	<b>18</b>
<b>Scores above F Grade (No. pass Students )</b>	<b>14</b>
<b>Attainments %</b>	<b>77.78</b>

<b>Level 1</b>	<b>Less than 60%</b>	<b>1</b>
<b>Level 2</b>	<b>60-79%</b>	<b>2</b>
<b>Level 3</b>	<b>80 and Above</b>	<b>3</b>

  
**HEAD**  
Department of English



  
**PRINCIPAL**  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.

**ATTAINMENT SUMMARY  
COURSE OUTCOMES**

**After successfully completing this course, students will be able to:**

CO 1	To introduce students to the basics of literary criticism
CO 2	To make them aware of the nature and historical development of criticism
CO 3	To make them familiar with the significant critical approaches and terms
CO 4	To encourage students to interpret literary works in the light of the critical approaches
CO 5	To know the writers point of view of the text
CO 6	To evaluate the text critically

**CO Attainment**

Course Outcomes	Test	Assignment	Average	End Exam	Attainment
CO 1	2.5	2.5	2.50	2	2.40
CO 2	2.33	2.5	2.42	2	2.33
CO 3	2.5	2.5	2.50	2	2.40
CO 4	2.33	2.42	2.38	2	2.30
CO 5	2.33	2.42	2.38	2	2.30
CO 6	2.5	2.42	2.46	2	2.37
<b>Overall CO Attainment</b>					<b>2.35</b>

**Attainment = End Exam 20% + Internal 80%**

**FORMULA : CO Attainment = Attainment of End Exam \*0.2+Attainment of CIE \*0.8**

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1		3	2	3	2	0	2		2	2	3	3
CO 2	2	2		3	2		2		2	2	3	3
CO 3	2	2		3					2	2	3	3
CO 4	2	2	2	3					2	2	3	3
CO 5	2	3		3	2	2	2	2	2		3	3
CO 6	2	3		3	2	2	2	2	2		3	3
Wat.Average	2.00	2.5	2.00	3	2.00	1.3333333	2.00	2	2	2	3	3

**Overall Mapping of Subject: 2.24**

**FORMULA : PO attainment = (CO attainment \* CO-PO Mapping)/Max**

**Item 3: Substantial (High), If there is no correlation, put "-"**

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	2.42	1.61	2.42	1.61	0.00	1.61	-	1.61	1.60	2.40	2.40
CO 2	1.55	1.55	0.00	2.33	1.61	0.00	1.61	-	1.61	1.55	2.42	2.33
CO 3	1.65	1.65	0.00	2.47	-	-	-	-	1.65	1.65	2.40	2.47
CO 4	1.59	1.59	1.59	2.30	-	0.00	0	0	1.59	1.53	2.30	2.39
CO 5	1.53	2.30	-	2.34	1.53	1.56	1.56	1.56	1.56	-	2.34	2.34
CO 6	1.52	2.37	-	2.28	1.52	1.58	1.58	1.52	1.58	-	2.37	2.37
Average	1.57	1.98	0.80	2.36	1.57	0.63	1.27	1.03	1.60	1.58	2.37	2.38

**Overall Attainment of the Subject: 1.60**

80% of final direct attainment + 20% of final indirect attainment



  
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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**

**Subject : Introduction to Criticism**

Sr. No	Tool CO Question No. Maximum Marks Name of the Students	Test 1			Test-2		
		1	2	3	4	5	6
		1	2	3	1	2	3
		10	10	10	10	10	10
1	BIDKAR DEEPALI BALASAHEB	8	7	7	8	6	8
2	DHOLE KHEMRAJ SUNIL	9	8	6	6	9	7
3	KAMBLE ABHISHEK ASHOK	9	7	8	9	7	6
4	MANE ANKITA SHANKAR	7	9	6	7	8	8
5	MANE UJJWALA BHIMASHANKAR	8	7	9	6	6	8
6	MOHITE ROHIT RAJENDRA	7	3	7	6	9	3
7	PANDIT SNEHA BALU	9	6	6	8	7	9
8	PATOLE MANOJ SAHEBRAO	7	8	6	4	4	6
9	PHAD SANGRAM JAGANNATH	6	6	6	4	9	9
10	RASKAR SHREYA ATUL	6	8	8	8	9	4
11	RAUT SIMANTINI JANARDAN	6	7	7	7	9	7
12	TAKALE UMESH HARIBHAU	3	4	9	6	7	6
13	VISHWAKARMA MADHU VIJAY	8	6	7	6	8	6
14	VISHWAKARMA NIDHI VIJAY	7	8	6	8	8	8
15	ANDHALE RAJESH RAMESH	7	8	7	8	8	8
16	AVHAD VRUSHABH RAJESH	6	8	4	6	4	9
17	AKOTKAR MAYURI MANOHAR	3	4	4	4	4	6
18	SHAIKH SADIYA ABDUL HAKIM	6	8	7	7	7	7

Attempts	18	18	18	18	18	18
Scores above 50% (Threshold value)	15	14	15	14	14	15
Attainments %	83.33	77.78	83.33	77.78	77.78	83.33
Attainment on 3 Point Scale	2.50	2.33	2.50	2.33	2.33	2.50

*M. Mehta*

**HEAD**

Department of English



*Smt*  
**PRINCIPAL**  
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 PIMPRI, PUNE-411 017.

**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2021-22**

**Subject : INTRODUCTION TO CRITICISM**

Sr. No	Tool CO Maximum Marks Name of the Students	Assignment Oral-1		Assignment Oral-2	
		1,2,3	1,2,3	4,5,6	4,5,6
		10	5	10	5
1	BIDKAR DEEPALI BALASAHEB	8	3	6	3
2	DHOLE KHEMRAJ SUNIL	6	2	8	5
3	KAMBLE ABHISHEK ASHOK	9	3	3	3
4	MANE ANKITA SHANKAR	7	4	6	5
5	MANE UJJWALA BHIMASHANKAR	6	3	9	2
6	MOHITE ROHIT RAJENDRA	4	3	6	2
7	PANDIT SNEHA BALU	8	4	8	4
8	PATOLE MANOJ SAHEBRAO	6	2	3	3
9	PHAD SANGRAM JAGANNATH	9	3	9	5
10	RASKAR SHREYA ATUL	9	4	6	5
11	RAUT SIMANTINI JANARDAN	6	3	5	4
12	TAKALE UMESH HARIBHAU	4	3	8	5
13	VISHWAKARMA MADHU VIJAY	8	4	3	3
14	VISHWAKARMA NIDHI VIJAY	8	3	9	4
15	ANDHALE RAJESH RAMESH	9	5	7	3
16	AVHAD VRUSHABH RAJESH	7	4	8	5
17	AKOTKAR MAYURI MANOHAR	6	5	9	2
18	SHAIKH SADIYA ABDUL HAKIM	7	4	7	4

Attempts	18	18	18	18
Scores above 50%	15	15	14	15
Attainments %	83.33	83.33	77.78	83.33
Attainment on 3 Point Scale	2.50	2.50	2.33	2.50
Average	2.50		2.42	

*M. M. Khan*

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Department of English



*Smt*

**PRINCIPAL**  
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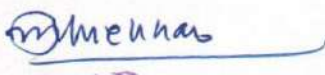
Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2021-22

Subject : INTRODUCTION TO CRITICISM (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BIDKAR DEEPALI BALASAHEB	F
2	DHOLE KHEMRAJ SUNIL	A
3	KAMBLE ABHISHEK ASHOK	B
4	MANE ANKITA SHANKAR	AB
5	MANE UJJWALA BHIMASHANKAR	F
6	MOHITE ROHIT RAJENDRA	B
7	PANDIT SNEHA BALU	A
8	PATOLE MANOJ SAHEBRAO	C
9	PHAD SANGRAM JAGANNATH	F
10	RASKAR SHREYA ATUL	A
11	RAUT SIMANTINI JANARDAN	B
12	TAKALE UMESH HARIBHAU	A
13	VISHWAKARMA MADHU VIJAY	C
14	VISHWAKARMA NIDHI VIJAY	C
15	ANDHALE RAJESH RAMESH	B
16	AVHAD VRUSHABH RAJESH	B
17	AKOTKAR MAYURI MANOHAR	F
18	SHAIKH SADIYA ABDUL HAKIM	A

Attempts	18
Scores above F Grade (No. pass Students )	14
Attainments %	77.78

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

  
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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**



**Department of BBA(CA)**

**ATTAINMENT SUMMARY**

<b>SR NO</b>	<b>Subject Name</b>	<b>Overall Attainment</b>
1	501-Cyber Security	2.93
2	502-Object Oriented Software Engineering	2.55
3	503-Core Java	2.26
4	504-Python	1.88
5	505-Software Project SEM V	2.67
6	506- Pratical Sem V	2.48
7	507- Internet Of Things	2.4
8	601-Recent Trends in IT	2.36
9	602-Software Testing	2.28
10	603-Advanced Java	1.56
11	604- Dot Net Programming	1.66
12	605- Software Project SEM VI	2.54
13	606-Pratical Sem VI	2.47
14	607-Soft Skill ADD-ON	2.34
	<b>Average</b>	<b>2.31</b>

**H. O. D.**

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya.  
Pimpri, Pune-411 017.



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PIMPRI, PUNE-411 017.



Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Department of BBA(CA)  
Subject : Cyber Security (501)

### ATTAINMENT SUMMARY

### COURSE OUTCOMES

After successfully completing this course, students will be able to:	
CO 1	Have a good understanding of Cyber Security and the Tools.
CO 2	Identify the different types of CyberCrimes.
CO 3	Have a good understanding of Cyberlaws
CO 4	To develop Cyber forensics awareness.
CO 5	Identify attacks, security policies and credit card frauds in mobile and Wireless Computing Era
CO 6	To Understand the Worldwide Cyber Security Measures and prevention techniques

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.25	2.41	2.33	3	2.46
CO 2	2.09	2.41	2.25	3	2.40
CO 3	2.27	2.41	2.34	3	2.47
CO 4	2.36	2.32	2.34	3	2.47
CO 5	2.09	2.32	2.21	3	2.36
CO 6	2.27	2.32	2.30	3	2.44
<b>Overall CO Attainment</b>					<b>2.43</b>
Attainment = End Exam 20%+ Internal 80%					



### CO-PO MAPPING

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	---	---	---	---	---	2	---	3			
CO 2	---	3	3	3	---	3		---	---	---	---	---
CO 3	3	---	3	3	---	---	3	---	---	---	---	---
CO 4	---	3	---	2	---	---	---	---	---	3	---	---
CO 5	---	---	3	---	3	---	---	---	---	---	3	---
CO 6	---	---	---	---	---	---	---	3	---	---	---	3
Wat.Average	3.00	3	3.00	2.67	3.00	3	2.50	3	3	3	3	3

**Overall Mapping of Subject 2.93**

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

### CO-PO ATTAINMENT

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2.46	---	---	---	---	---	1.64	---	2.46	---	---	---
CO 2	---	2.40	2.40	2.40	---	2.40	---	---	---	---	---	---
CO 3	2.47	---	2.47	2.47	---	---	2.47	---	---	---	---	---
CO 4	---	2.47	---	1.65	---	---	---	---	---	2.47	---	---
CO 5	---	---	2.36	---	2.36	---	---	---	---	---	2.36	---
CO 6	---	---	---	---	---	---	---	2.44	---	---	---	2.44
Average	2.47	2.44	2.41	2.17	2.36	2.40	2.06	2.44	2.46	2.47	2.36	2.44

**Overall Attainment of the Subject 2.37**

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment

H. O. D.

B.B.A. (Computer Application)



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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**  
**Department of BBA(CA)**  
**Subject : Cyber Security (501)**

Sr. No	Tool CO	Test 1			Test-2		
		1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRA	6	5	8	5	4	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	4	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	4	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDRA	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	9	3
16	PAWAR RAVINA BHARAT	4	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	4
18	SADAFULE DIPALI RAJENDRA	4	9	4	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	8	3	3
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	7	6	4
29	WADAVKAR SAKSHI SURESH	4	7	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	4	7	3	3	9
32	ZAJAM PRADNYA DASHARATH	4	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	32	33	33	33	33	33
Scores above 50% (Threshold value)	24	23	25	26	23	25
Attainments %	75	69.70	75.76	78.79	69.70	75.76
Attainment on 3 Point Scale	2.25	2.09	2.27	2.36	2.09	2.27

*[Signature]*  
**H. O. D.**

B.B.A. (Computer Application)  
 Mahatma Phule Mahavidyalaya,  
 Pimpri, Pune-411 017



*[Signature]*  
**PRINCIPAL**  
 MAHATMA PHULE MAHAVIDYALAYA  
 PIMPRI, PUNE-411 017.



**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**  
**Department of BBA(CA)**  
**Subject : Cyber Security (501)**

Sr. No	Tool CO	Assignme nt-1		Assign ment-2	
		Oral-1 1,2,3	Oral-1 1,2,3	Oral-2 4,5,6	Oral-2 4,5,6
Maximum Marks		10	5	10	5
Name of the Students					
1	BHOSALE SUDARASHAN DHONDIRAM	4	2	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	4	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	4	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDRA	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	4	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	5	3	4	5
22	SAWANT NIKITA ABHIJEET	7	3	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	3	8	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	2	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	3	4	2
33	GAIKWAD CHINMAY NARHARI	4	5	7	3

Attempts	33	33	33	33
Scores above 50%	26	27	22	29
Attainments %	78.79	81.82	66.67	87.88
Attainment on 3 Point Scale	2.36	2.45	2.00	2.64
Average	2.41		2.32	

*B.nerd*  
**H. O. D.**

B.B.A. (Computer Application)  
 Mahatma Phule Mahavidyalaya,  
 Pimpri, Pune-411 017.



*S. Prasad*  
**PRINCIPAL**  
 MAHATMA PHULE MAHAVIDYALAYA  
 PIMPRI, PUNE-411 017.



**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**  
**Department of BBA(CA)**  
**Subject : Cyber Security (501)**

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	B
2	CHAUHAN NIKITA OMPRAKASH	B+
3	DHUMAL PRANITA PRAKASH	B
4	GUMME SHILPA BHARAT	B
5	INGLE SNEHAL VASUDEV	B
6	INGOLE VAIBHAV NIRANJAN	B+
7	JADHAV RAJU BABASAHEB	B+
8	JADHAV VAISHNAVI GAJANAN	B+
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	A
11	MANE PRATIK DATTATRAY	B+
13	MUNDHE PRATHAMESH BHALCHANDR	B+
14	NANEKAR MEGHANA BHUPENDRA	B+
15	PATIL VIKAS BABU	A
16	PAWAR RAVINA BHARAT	B
17	RANSHINGE SONAL LAXMAN	B
18	SADAFULE DIPALI RAJENDRA	B+
19	SALVE PRADNYA RATAN	B
20	SANGANWAR SHRIPAD BALIRAM	B
21	SAWAKE RAM GANESH	B+
22	SAWANT NIKITA ABHIJEET	B
23	SHAIKH SADDAM SHAUKAT	B
24	SHINDE AISHWARYA SHITALKUMAR	B
25	SHITOLE GAURAV ANNASAHEB	B+
26	SONUNE DHANASHREE LAXMAN	B
27	TALWARE MAROTI GANGADHAR	A
28	TANDALE RUTUJA RAVINDRA	B+
29	WADAVKAR SAKSHI SURESH	B
30	WAGHE ROHIT RAMCHANDRA	B
31	WAGHMARE GANGADHAR BALIRAM	B
32	ZAJAM PRADNYA DASHARATH	F
33	GAIKWAD CHINMAY NARHARI	B+

Attempts	33
Scores above F Grade (No. pass Students )	32
Attainments %	96.96969697

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*D. B. S.*  
**H. O. D.**  
BBA (Computer Application)  
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*S. M. S.*  
**PRINCIPAL**  
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**Rayat Shikshan Sanstha's**  
**Mahatma Phule Mahavidyalaya, Pimpri pune-17.**  
**Department of BBA(CA)**

**Unit Test I**

**Subject: (CA- 501) Cyber Security**

**Time: 10.00 am-11.00 am**

**Total Marks:30**

**Date: 12-12-2022**

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**Q.1 Solve the following (05 Marks for each)**

**30 M**

- 1) explain salami attack with example.
- 2) describe 5 categories of cybercrime.
- 3) explain the different phases during the attack on the network.
- 4) what is Anti-spam laws in Canada ? explain in detail.
- 5) write a note on digital forensic science.
- 6) explain in brief each type of intellectual property ?



Rayat Shikshan Sansthas  
 Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
 Academic Year 2022-23  
 Department of BBA(CA)  
 Subject : Object Oriented Software Engineering (502)

**ATTAINMENT SUMMARY**  
**COURSE OUTCOMES**

<b>After successfully completing this course, students will be able to:</b>	
<b>CO 1</b>	Able to solve real world problems using OOP techniques.
<b>CO 2</b>	Able to understand the use of abstract classes.
<b>CO 3</b>	Able to solve problems using java collection framework and I/o classes.
<b>CO 4</b>	Able to develop multithreaded applications with synchronization.
<b>CO 5</b>	Able to develop applets for web applications.
<b>CO 6</b>	Able to design GUI based applications

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.36	2.55	2.46	3	2.56
CO 2	2.27	2.55	2.41	3	2.53
CO 3	2.36	2.55	2.46	3	2.56
CO 4	2.45	2.55	2.50	3	2.60
CO 5	2.18	2.55	2.37	3	2.49
CO 6	2.36	2.55	2.46	3	2.56
<b>Overall CO Attainment</b>					<b>2.55</b>
<b>Attainment = End Exam 20%+ Internal 80%</b>					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	---	---	---	---	---	3	---	3	---	---	---





Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : Object Oriented Software Engineering (502)

Sr. No	Tool	Test 1			Test-2		
	CO	1	2	3	4	5	6
	Maximum Marks	1	2	3	1	2	3
	Name of the Students	10	10	10	10	10	10
	Student Name						
1	BHOSALE SUDARASHAN DHONDIR	7	6	5	6	5	6
2	CHAUHAN NIKITA OMPRAKASH	6	5	8	5	8	5
3	DHUMAL PRANITA PRAKASH	5	8	3	8	3	8
4	GUMME SHILPA BHARAT	7	3	8	3	5	3
5	INGLE SNEHAL VASUDEV	6	9	7	9	8	9
6	INGOLE VAIBHAV NIRANJAN	4	7	8	7	3	7
7	JADHAV RAJU BABASAHEB	7	6	3	4	9	4
8	JADHAV VAISHNAVI GAJANAN	4	8	9	8	7	8
9	KAMBLE OMKAR RAJARAM	6	5	7	7	8	3
10	MALI ADITYA SANTOSH	8	9	8	9	3	9
11	MANE PRATIK DATTATRAY	6	5	3	7	9	7
13	MUNDHE PRATHAMESH BHALCHA	5	4	9	6	7	6
14	NANEKAR MEGHANA BHUPENDRA	8	4	7	5	8	5
15	PATIL VIKAS BABU	5	8	6	8	3	8
16	PAWAR RAVINA BHARAT	9	4	5	6	9	3
17	RANSHINGE SONAL LAXMAN	7	8	8	5	7	9
18	SADAFULE DIPALI RAJENDRA	6	4	3	9	6	9
19	SALVE PRADNYA RATAN	4	9	9	7	5	6
20	SANGANWAR SHRIPAD BALIRAM	8	7	7	8	8	8
21	SAWAKE RAM GANESH	7	8	4	3	3	6
22	SAWANT NIKITA ABHIJEET	5	3	8	3	9	9
23	SHAIKH SADDAM SHAUKAT	5	9	3	7	7	6
24	SHINDE AISHWARYA SHITALKUM	8	7	9	6	4	5
25	SHITOLE GAURAV ANNASAHEB	6	6	7	5	8	8
26	SONUNE DHANASHREE LAXMAN	9	5	6	8	3	3
27	TALWARE MAROTI GANGADHAR	7	8	5	6	9	9
28	TANDALE RUTUJA RAVINDRA	8	5	8	9	7	7
29	WADAVKAR SAKSHI SURESH	5	9	8	7	6	4
30	WAGHE ROHIT RAMCHANDRA	9	7	9	6	5	8
31	WAGHMARE GANGADHAR BALIRA	3	4	7	8	8	5
32	ZAJAM PRADNYA DASHARATH	4	8	7	3	3	9
33	GAIKWAD CHINMAY NARHARI	4	7	6	9	9	7

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	26	25	26	27	24	26
Attainments %	78.788	75.758	78.79	81.82	72.73	78.79
Attainment on 3 Point Scale	2.36	2.27	2.36	2.45	2.18	2.36

*[Signature]*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



*[Signature]*  
PRINCIPAL  
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PIMPRI, PUNE-411 017.



Rajat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : Object Oriented Software Engineering(502)

Sr. No	Tool CO	Assignment-1 Oral-1		Assignment-2	
		1,2,3	1,2,3	4,5,6	4,5,6
		Maximum Marks	10	5	10
Name of the Students					
1	BHOSALE SUDARASHAN DHONDIRAM	9	4	6	5
2	CHAUHAN NIKITA OMPRAKASH	6	5	5	4
3	DHUMAL PRANITA PRAKASH	5	3	8	5
4	GUMME SHILPA BHARAT	8	4	3	3
5	INGLE SNEHAL VASUDEV	3	3	9	4
6	INGOLE VAIBHAV NIRANJAN	9	5	7	3
7	JADHAV RAJU BABASAHEB	7	3	5	5
8	JADHAV VAISHNAVI GAJANAN	6	5	8	3
9	KAMBLE OMKAR RAJARAM	5	2	3	5
10	MALI ADITYA SANTOSH	9	5	9	2
11	MANE PRATIK DATTATRAY	6	4	3	4
13	MUNDHE PRATHAMESH BHALCHAND	4	3	6	4
14	NANEKAR MEGHANA BHUPENDRA	8	5	5	2
15	PATIL VIKAS BABU	5	5	3	5
16	PAWAR RAVINA BHARAT	9	3	5	3
17	RANSHINGE SONAL LAXMAN	7	4	5	5
18	SADAFULE DIPALI RAJENDRA	6	5	9	3
19	SALVE PRADNYA RATAN	5	5	7	5
20	SANGANWAR SHRIPAD BALIRAM	8	4	8	4
21	SAWAKE RAM GANESH	3	4	5	3
22	SAWANT NIKITA ABHIJEET	9	3	9	5
23	SHAIKH SADDAM SHAUKAT	7	5	7	5
24	SHINDE AISHWARYA SHITALKUMAR	8	4	6	3
25	SHITOLE GAURAV ANNASAHEB	3	2	5	4
26	SONUNE DHANASHREE LAXMAN	9	3	8	5
27	TALWARE MAROTI GANGADHAR	7	5	8	3
28	TANDALE RUTUJA RAVINDRA	8	3	9	3
29	WADAVKAR SAKSHI SURESH	6	4	7	4
30	WAGHE ROHIT RAMCHANDRA	5	2	4	3
31	WAGHMARE GANGADHAR BALIRAM	7	5	8	4
32	ZAJAM PRADNYA DASHARATH	6	2	7	5
33	GAIKWAD CHINMAY NARHARI	5	3	9	2

Attempts	33	33	33	33
Scores above 50%	28	28	27	29
Attainments %	84.85	84.85	81.82	87.88
Attainment on 3 Point Scale	2.55	2.55	2.55	2.55
Average	2.55		2.55	

H. O. D.

B.B.A. (Computer Application)  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23



Subject : CA(502)Object Oriented Software Engineering (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	B
2	CHAUHAN NIKITA OMPRAKASH	B
3	DHUMAL PRANITA PRAKASH	B
4	GUMME SHILPA BHARAT	B
5	INGLE SNEHAL VASUDEV	B
6	INGOLE VAIBHAV NIRANJAN	B+
7	JADHAV RAJU BABASAHEB	B
8	JADHAV VAISHNAVI GAJANAN	B+
9	KAMBLE OMKAR RAJARAM	B
10	MALI ADITYA SANTOSH	B
11	MANE PRATIK DATTATRAY	B+
13	MUNDHE PRATHAMESH BHALCHANDR	F
14	NANEKAR MEGHANA BHUPENDRA	C
15	PATIL VIKAS BABU	B+
16	PAWAR RAVINA BHARAT	B
17	RANSHINGE SONAL LAXMAN	C
18	SADAFULE DIPALI RAJENDRA	F
19	SALVE PRADNYA RATAN	C
20	SANGANWAR SHRIPAD BALIRAM	B
21	SAWAKE RAM GANESH	B+
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	A
24	SHINDE AISHWARYA SHITALKUMAR	B
25	SHITOLE GAURAV ANNASAHEB	B
26	SONUNE DHANASHREE LAXMAN	B
27	TALWARE MAROTI GANGADHAR	C
28	TANDALE RUTUJA RAVINDRA	F
29	WADAVKAR SAKSHI SURESH	B+
30	WAGHE ROHIT RAMCHANDRA	A
31	WAGHMARE GANGADHAR BALIRAM	C
32	ZAJAM PRADNYA DASHARATH	D
33	GAIKWAD CHINMAY NARHARI	B

Attempts	33
Scores above F Grade (No. pass Students )	30
Attainments %	90.90909091

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

H. O. D.

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Pimpri Pune-411 017.



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**Rayat Shikshan Sanstha's**  
**Mahatma Phule Mahavidyalaya, Pimpri pune-17.**  
**Department of BBA(CA)**

**Unit Test I**

**Subject: (CA- 502) Object Oriented Software Engineering**

**Time: 10.00 am-11.00 am**

**Total Marks:30**

**Date: 12-12-2022**

---

**Q.1 Solve the following (05 Marks for each)**

**30 M**

- 1) What is inheritance ? Write types of inheritance.
- 2) consider a single object "Book" and draw object diagram with possible attributes .
- 3) Explain what is business engineering ? Explain it with the help of business engineering framework diagram.
- 4) Which are phases of waterfall model.
- 5) What is System analysis ? Explain types of SDLC process model.
- 6) What is Polymorphism with example.



Rayat Shikshan Sansthas  
 Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
 Academic Year 2022-23  
 Department of BBA(CA)  
 Subject : Core Java (503)

**ATTAINMENT SUMMARY  
COURSE OUTCOMES**

After successfully completing this course, students will be able to:

<b>CO 1</b>	Able to solve real world problems using OOP techniques.
<b>CO 2</b>	Able to understand the use of abstract classes.
<b>CO 3</b>	Able to solve problems using java collection framework and I/o classes.
<b>CO 4</b>	Able to develop multithreaded applications with synchronization.
<b>CO 5</b>	Able to develop applets for web applications.
<b>CO 6</b>	Able to design GUI based applications

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.36	2.5	2.43	3	2.54
CO 2	2.27	2.5	2.39	3	2.51
CO 3	2.36	2.5	2.43	3	2.54
CO 4	2.45	2.55	2.50	3	2.60
CO 5	2.18	2.55	2.37	3	2.49
CO 6	2.36	2.55	2.46	3	2.56
<b>Overall CO Attainment</b>					<b>2.54</b>
Attainment = End Exam 20%+ Internal 80%					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	---	3	---	3	---	3	---	---	2	---	---



CO 2	---	3	---	---	---	3	---	---	---	3	---	---	---	2
CO 3	---	---	---	---	---	---	2	---	---	---	3	---	---	---
CO 4	---	---	---	---	---	---	---	---	3	---	---	---	2	1
CO 5	3	---	2	---	3	---	---	---	---	---	---	---	3	---
CO 6	---	3	---	---	3	---	---	---	---	2	---	---	---	3
<b>Wt.Average</b>	<b>3</b>	<b>3</b>	<b>2.5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2.5</b>	<b>2.5</b>	<b>3</b>	<b>2.5</b>	<b>3</b>	<b>2.5</b>	<b>2.5</b>	<b>2</b>
<b>Overall Mapping of Subject</b>														<b>2.71</b>

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

FORMULA : PO attainment = (CO attainment \* CO-PO Mapping)/Max correlation strength 3

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2.54	---	2.54	---	2.54	---	2.54	---	---	1.70	---	---
CO 2	---	2.51	---	---	---	2.51	---	---	2.51	---	---	1.67
CO 3	---	---	---	---	---	---	1.70	---	---	2.54	---	---
CO 4	---	---	---	2.60	---	---	---	2.60	2.60	---	1.73	0.87
CO 5	2.49	---	1.66	---	2.49	---	---	---	---	---	2.49	---
CO 6	---	2.56	---	2.56	---	2.56	---	1.71	---	---	---	---
<b>Average</b>	<b>2.52</b>	<b>2.54</b>	<b>2.10</b>	<b>2.58</b>	<b>2.52</b>	<b>2.54</b>	<b>2.12</b>	<b>2.15</b>	<b>2.55</b>	<b>2.12</b>	<b>2.11</b>	<b>1.27</b>
<b>Overall Attainment of the Subject</b>												<b>2.26</b>

**COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:**

80% of final direct attainment + 20% of final indirect attainment

*H.O.D.*

B.A. (Computer Application),  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.

*Principal*



PRINCIPAL  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : BBA (CA) Core Java (503)

Sr. No	Tool CO	Test 1			Test-2		
		1	2	3	4	5	6
Question No.		1	2	3	1	2	3
Maximum Marks		10	10	10	10	10	10
Name of the Students							
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDI	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	8	3	3
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	7	6	4
29	WADAVKAR SAKSHI SURESH	9	7	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	8	7	3	3	9
32	ZAJAM PRADNYA DASHARATH	4	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	26	25	26	27	24	26
Attainments %	78.79	75.76	78.79	81.82	72.73	78.79
Attainment on 3 Point Scale	2.36	2.27	2.36	2.45	2.18	2.36

*[Signature]*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
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*[Signature]*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI/PUNE-411 017.



Rayat Shikshan Sanssthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Core Java (503)

Sr. No	Tool CO	Assignment-1	Oral-1	Assignment-2	Oral-2
		1,2,3	1,2,3	4,5,6	4,5,6
Maximum Marks		10	5	10	5
Name of the Students					
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	8	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	2	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	2	9	2
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	28	27	27	29
Attainments %	84.85	81.82	81.82	87.88
Attainment on 3 Point Scale	2.55	2.45	2.45	2.55
Average	2.50			

*H. O. D.*

B.B.A. (Computer Application)  
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Pimpri, Pune-411 017.



*Principal*  
PRINCIPAL  
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PIMPRI, PUNE-411 017.

Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23



Subject : BBA (CA) Core Java (503) (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	B+
2	CHAUHAN NIKITA OMPRAKASH	B
3	DHUMAL PRANITA PRAKASH	B
4	GUMME SHILPA BHARAT	B+
5	INGLE SNEHAL VASUDEV	B+
6	INGOLE VAIBHAV NIRANJAN	B
7	JADHAV RAJU BABASAHEB	C
8	JADHAV VAISHNAVI GAJANAN	B+
9	KAMBLE OMKAR RAJARAM	B+
10	MALI ADITYA SANTOSH	B
11	MANE PRATIK DATTATRAY	B
13	MUNDHE PRATHAMESH BHALCHANDRA	B+
14	NANEKAR MEGHANA BHUPENDRA	B
15	PATIL VIKAS BABU	B
16	PAWAR RAVINA BHARAT	B+
17	RANSHINGE SONAL LAXMAN	B
18	SADAFULE DIPALI RAJENDRA	F
19	SALVE PRADNYA RATAN	F
20	SANGANWAR SHRIPAD BALIRAM	B+
21	SAWAKE RAM GANESH	F
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	B
24	SHINDE AISHWARYA SHITALKUMAR	B+
25	SHITOLE GAURAV ANNASAHEB	B+
26	SONUNE DHANASHREE LAXMAN	B+
27	TALWARE MAROTI GANGADHAR	B
28	TANDALE RUTUJA RAVINDRA	F
29	WADAVKAR SAKSHI SURESH	C
30	WAGHE ROHIT RAMCHANDRA	F
31	WAGHMARE GANGADHAR BALIRAM	B+
32	ZAJAM PRADNYA DASHARATH	F
33	GAIKWAD CHINMAY NARHARI	B+

Attempts	33
Scores above F Grade (No. pass Students )	27
Attainments %	82

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*B. N. D.*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017



*Princip*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.

Rayat Shikshan Sanstha's

**Mahatma Phule Mahavidyalaya, Pimpri Waghere, Pune 17**

Department of BBA (CA)

Subject – Core Java

Unit Test I

Total Marks: 30

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- Note :
1. All Question Carry Equal marks.
  2. Solve all question.
  3. Figures to right indicate full marks.

**Q.1 Solve the following. (Any two)** 10

1. Explain the feature of Object-oriented Programming language.
2. What is class in Java? explain with appropriate example.
3. What is operator overloading explain with example.

**Q.2. Solve any two of the following.** 10

1. What is Inheritance? Explain the types with one example.
2. What is applet? Explain Applet life cycle with diagram.
3. What is AWT? write note about its components and container.

**Q.3. Solve any one of the following.** 10

1. What is swing? Explain any five swing controls.
2. What is exception? How it handles? Explain in details.

-----

All the Best

-----



Rayat Shikshan Sanstha's

**Mahatma Phule Mahavidyalaya, Pimpri Waghere, Pune 17**

Department of BBA (CA)

Subject – Core Java

Unit Test II

Total Marks: 30

- Note :
1. All Question Carry Equal marks.
  2. Solve all question.
  3. Figures to right indicate full marks.

- Q.1. Solve the Following 10
1. What is package? How packages are created and explain built in packages.
  2. What is file handling? Write notes on file input and file output stream.
  3. What is collection? Write note on collection framework.

- Q.2. Solve the following (Any Two) 10
1. What is applet? What are different applet classes, Explain.
  2. What is array in Java? Explain types and String in Java.
  3. What is file handling? Explain Input Stream Reader and Output Stream

Writer.

- Q.3 Solve the following. 10
1. Explain Event Delegation Model, explain in detail.
  2. Explain in detail Inheritance and Multilevel Inheritance

-+++++ All the Best ++++++



Rayat Shikshan Sanssthas  
 Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
 Academic Year 2022-23  
 Department of BBA(CA)  
 Subject : Python Programming (504)

**ATTAINMENT SUMMARY**

**COURSE OUTCOMES**

After successfully completing this course, students will be able to:

<b>CO 1</b>	Define and demonstrate the use of built-in data structures "lists" and "dictionary"
<b>CO 2</b>	Design and implement a program to solve a real-world problem.
<b>CO 3</b>	Design and implement GUI application and how to handle exceptions and files.
<b>CO 4</b>	□ enhance the knowledge of programming using Python
<b>CO 5</b>	To develop the skills of python language
<b>CO 6</b>	Understanding of Data Science

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
<b>CO 1</b>	2.18	2.36	2.27	2	2.22
<b>CO 2</b>	2.27	2.36	2.32	2	2.25
<b>CO 3</b>	2.09	2.36	2.23	2	2.18
<b>CO 4</b>	2.45	2.18	2.32	2	2.25
<b>CO 5</b>	2.09	2.18	2.14	2	2.11
<b>CO 6</b>	2.36	2.18	2.27	2	2.22
<b>Overall CO Attainment</b>					<b>2.20</b>
Attainment = End Exam 20%+ Internal 80%					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
<b>CO 1</b>	---	3	---	---	---	3	3	---	3	---	3	---



CO 2	---	2	2	3	3	2	---	2	---	2	---	2	---	2
CO 3	3	---	3	3	---	---	---	2	---	---	---	---	---	---
CO 4	---	3	---	2	---	---	---	---	---	2	---	---	---	2
CO 5	---	---	3	---	3	---	---	---	---	---	---	---	2	---
CO 6	---	---	---	---	3	---	---	3	---	---	---	---	---	3
<b>Wt.Average</b>	<b>3.00</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>3.00</b>	<b>2.5</b>	<b>2.50</b>	<b>2.5</b>	<b>3</b>	<b>2</b>	<b>2.5</b>	<b>2</b>	<b>2.5</b>	<b>2.33</b>

**Overall Mapping of Subject 2.61**

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	2.22	---	---	---	2.22	2.22	---	2.22	---	2.22	---
CO 2	---	1.50	1.50	2.25	2.25	1.50	---	1.50	---	1.50	---	1.50
CO 3	2.18	---	2.18	2.18	---	---	1.45	---	---	---	---	---
CO 4	---	2.25	---	1.50	---	---	---	---	---	1.50	---	1.50
CO 5	---	---	2.11	---	2.11	---	---	---	---	---	1.41	---
CO 6	---	---	---	---	---	---	---	2.22	---	---	---	2.22
<b>Average</b>	<b>2.18</b>	<b>1.99</b>	<b>2.14</b>	<b>1.50</b>	<b>2.18</b>	<b>1.86</b>	<b>1.83</b>	<b>2.22</b>	<b>1.50</b>	<b>1.50</b>	<b>1.93</b>	<b>1.74</b>

**Overall Attainment of the Subject 1.88**

**COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:**

80% of final direct attainment + 20% of final indirect attainment

*[Signature]*

**H.O.D.**

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.

*[Signature]*



**PRINCIPAL**  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRRI, PUNE-411 017.



**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**  
**Department of BBA(CA)**  
**Subject : Python Programming (504) (B)**

Sr. No	Tool	Test 1			Test-2		
	CO	1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	9	9	4	5
2	CHAUHAN NIKITA OMPRAKASH	5	9	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	9	8
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	4	7	8
8	JADHAV VAISHNAVI GAJANAN	6	9	7	7	8	9
9	KAMBLE OMKAR RAJARAM	8	8	8	9	3	
10	MALI ADITYA SANTOSH	6	8	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	4	4	5	6	9	8
16	PAWAR RAVINA BHARAT	4	4	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	4
18	SADAFULE DIPALI RAJENDRA	4	9	4	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	9	8	9	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	4	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	9	4	8	3	7
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	9	9	9	7
28	TANDALE RUTUJA RAVINDRA	5	9	9	7	6	4
29	WADAVKAR SAKSHI SURESH	4	9	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	8	9	7	9	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	4	7	3	3	4
32	ZAJAM PRADNYA DASHARATH	4	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	24	25	23	27	23	26
Attainments %	72.73	75.76	69.70	81.82	69.70	78.79
Attainment on 3 Point Scale	2.18	2.27	2.09	2.45	2.09	2.36

*[Signature]*  
**H. O. D.**  
B.B.A. (Computer Application)  
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*[Signature]*  
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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**  
**Department of BBA(CA)**  
**Subject : Python Programming (504)**

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BHOSALE SUDARASHAN DHONDIRAM	4	2	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	4	5
3	DHUMAL PRANITA PRAKASH	4	4	3	3
4	GUMME SHILPA BHARAT	3	3	4	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHAND	8	5	9	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	4
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	4	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	9	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	9	5	2
21	SAWAKE RAM GANESH	5	3	4	5
22	SAWANT NIKITA ABHIJEET	8	3	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	3	8	2
27	TALWARE MAROTI GANGADHAR	8	3	9	2
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	2	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	3	4	2
33	GAIKWAD CHINMAY NARHARI	4	5	7	3

Attempts	33	33	33	33
Scores above 50%	25	27	22	26
Attainments %	75.76	81.82	66.67	78.79
Attainment on 3 Point Scale	2.27	2.45	2.00	2.36
Average		2.36		2.18

*B. O. D.*  
**H. O. D.**

B.B.A. (Computer Application)  
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Pimpri, Pune-411 017.



*S. P. D.*  
**PRINCIPAL**  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Department of BBA(CA)

Subject : Python Programming (504) (B)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	B+
2	CHAUHAN NIKITA OMPRAKASH	A
3	DHUMAL PRANITA PRAKASH	B
4	GUMME SHILPA BHARAT	B+
5	INGLE SNEHAL VASUDEV	C
6	INGOLE VAIBHAV NIRANJAN	B
7	JADHAV RAJU BABASAHEB	F
8	JADHAV VAISHNAVI GAJANAN	B
9	KAMBLE OMKAR RAJARAM	C
10	MALI ADITYA SANTOSH	B
11	MANE PRATIK DATTATRAY	B
13	MUNDHE PRATHAMESH BHALCHANDR	F
14	NANEKAR MEGHANA BHUPENDRA	C
15	PATIL VIKAS BABU	B
16	PAWAR RAVINA BHARAT	B
17	RANSHINGE SONAL LAXMAN	B
18	SADAFULE DIPALI RAJENDRA	F
19	SALVE PRADNYA RATAN	C
20	SANGANWAR SHRIPAD BALIRAM	B+
21	SAWAKE RAM GANESH	F
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	C
24	SHINDE AISHWARYA SHITALKUMAR	F
25	SHITOLE GAURAV ANNASAHEB	B+
26	SONUNE DHANASHREE LAXMAN	B
27	TALWARE MAROTI GANGADHAR	B
28	TANDALE RUTUJA RAVINDRA	F
29	WADAVKAR SAKSHI SURESH	B
30	WAGHE ROHIT RAMCHANDRA	B+
31	WAGHMARE GANGADHAR BALIRAM	B
32	ZAJAM PRADNYA DASHARATH	F
33	GAIKWAD CHINMAY NARHARI	B

Attempts	33
Scores above F Grade (No. pass Students )	26
Attainments %	79

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*[Signature]*  
H. O. D.

B.B.A. (Computer Application)  
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Pimpri, Pune-411 017.



*[Signature]*  
PRINCIPAL  
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PIMPRI, PUNE-411 017.

**Rayat Shikshan Sanstha's**  
**Mahatma Phule Mahavidyalaya, Pimpri pune-17.**  
**Department of BBA(CA)**  
**Unit Test I**

**Subject: (CA- 504) Python**

**Time: 10.00 am-11.00 am**

**Total Marks:30**

**Date: 12-12-2022**

---

**Q.1 Solve the following (05 Marks for each)**

**30 M**

- 1) explain any five built-in list functions.
- 2) which are the different ways to import modules in python ?
- 3) python program to create a class which performs basic calculator operations.
- 4) how to handle exception in python.
- 5) explain widget resizing with an example.
- 6) what are the advantages and disadvantages of Gensim ?



Rayat Shikshan Sansthas  
 Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
 Academic Year 2022-23  
 Department of BBA(CA)  
 Subject : Software Project ( 505)

### ATTAINMENT SUMMARY

### COURSE OUTCOMES

After successfully completing this course, students will be able to:

CO 1	To develop the skills for actual implementation of programming languages
CO 2	To improve the database management skills and utilize them
CO 3	To formulate real world problems and frame them into problem solving projects
CO 4	To develop the application and solve the problems using computerized applications support
CO 5	To enhance students to gain knowledge of real-world things as well as formulate them into computerized way
CO 6	To implement the theoretical knowledge into programming and problem solving, user-friendly project work

Course Outcomes	Assignment &		
	Test	Oral	Average
CO 1	2.55	2.68	2.62
CO 2	2.45	2.68	2.57
CO 3	2.36	2.68	2.52
CO 4	2.36	2.77	2.77
CO 5	2.27	2.77	2.77
CO 6	2.45	2.77	2.77
<b>Overall CO Attainment</b>			<b>2.73</b>
Attainment = End Exam 20%+ Internal 80%			

### CO-PO MAPPING

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	---	---	---	3	---	---	3	---	---	---	---
CO 2	---	3	---	---	---	3	---	---	---	---	---	---





CO 3	3	---	---	---	---	---	3	---	---	---	---	---
CO 4	---	3	---	3	---	---	---	---	3	3	---	---
CO 5	---	---	3	---	3	---	---	---	---	---	2	---
CO 6	---	---	---	---	---	---	---	3	---	---	---	3
<b>Wt.Average</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>

**Overall Mapping of Subject 2.92**

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	---	---	---	2.69	---	---	2.69	---	---	---	---
CO 2	---	2.65	---	---	---	2.65	---	---	---	---	---	---
CO 3	2.62	---	---	---	---	---	2.62	---	---	---	---	---
CO 4	---	2.82	---	2.82	---	---	---	---	2.82	2.82	---	---
CO 5	---	---	2.82	---	2.82	---	---	---	---	---	1.88	---
CO 6	---	---	---	---	---	---	---	2.82	---	---	---	2.82
<b>Average</b>	<b>2.62</b>	<b>2.73</b>	<b>2.82</b>	<b>2.82</b>	<b>2.75</b>	<b>2.65</b>	<b>2.62</b>	<b>2.75</b>	<b>2.82</b>	<b>2.82</b>	<b>1.88</b>	<b>2.82</b>

**Overall Attainment of the Subject 2.67**

**COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:**

80% of final direct attainment + 20% of final indirect attainment

**H. O. D.**

B.B.A. (Computer Application)

Mahatma Phule Mahavidyalaya,

Pimpri, Pune-411 017.



**PRINCIPAL**

MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.

Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Software Project (505)

PIMPRI, PUNE-17

Sr. No	Tool	Test 1			Test-2		
		CO	1	2	3	4	5
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	5	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	5	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	5	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	8	3	5
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	7	6	4
29	WADAVKAR SAKSHI SURESH	9	4	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	5	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	8	7	3	5	9
32	ZAJAM PRADNYA DASHARATH	5	7	6	4	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	28	27	26	26	25	27
Attainments %	84.85	81.82	78.79	78.79	75.76	81.82
Attainment on 3 Point Scale	2.55	2.45	2.36	2.36	2.27	2.45

H. O. D.

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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : Software Project ( 505)



Sr. No	Tool CO	Assignment-1 Oral-1		Assignment-2	Oral-2
		1,2,3	1,2,3	4,5,6	4,5,6
Maximum Marks		10	5	10	5
Name of the Students					
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	5	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	5	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	3
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	5	3	5	3
21	SAWAKE RAM GANESH	9	2	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	4	3	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	8	3
27	TALWARE MAROTI GANGADHAR	8	5	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	4	5	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	3	7	5
32	ZAJAM PRADNYA DASHARATH	5	3	9	3
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	29	30	30	31
Attainments %	87.88	90.91	90.91	93.94
Attainment on 3 Point Scale	2.64	2.73	2.73	2.82
Average		2.68		2.71

*[Signature]*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



*[Signature]*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.



Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : Software Project (505) (Semester End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	A
2	CHAUHAN NIKITA OMPRAKASH	A+
3	DHUMAL PRANITA PRAKASH	A+
4	GUMME SHILPA BHARAT	A
5	INGLE SNEHAL VASUDEV	A
6	INGOLE VAIBHAV NIRANJAN	A+
7	JADHAV RAJU BABASAHEB	A+
8	JADHAV VAISHNAVI GAJANAN	A
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	A+
11	MANE PRATIK DATTATRAY	A
13	MUNDHE PRATHAMESH BHALCHANDR	A+
14	NANEKAR MEGHANA BHUPENDRA	A+
15	PATIL VIKAS BABU	A
16	PAWAR RAVINA BHARAT	A
17	RANSHINGE SONAL LAXMAN	A
18	SADAFULE DIPALI RAJENDRA	A
19	SALVE PRADNYA RATAN	A
20	SANGANWAR SHRIPAD BALIRAM	A+
21	SAWAKE RAM GANESH	A
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	A+
24	SHINDE AISHWARYA SHITALKUMAR	A+
25	SHITOLE GAURAV ANNASAHEB	A+
26	SONUNE DHANASHREE LAXMAN	A
27	TALWARE MAROTI GANGADHAR	A
28	TANDALE RUTUJA RAVINDRA	A+
29	WADAVKAR SAKSHI SURESH	A
30	WAGHE ROHIT RAMCHANDRA	A
31	WAGHMARE GANGADHAR BALIRAM	A
32	ZAJAM PRADNYA DASHARATH	A
33	GAIKWAD CHINMAY NARHARI	A+

Attempts	33
Scores above F Grade (No. pass Students)	33
Attainments %	100.00

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*Dners*  
H. O. D.

B.B.A. (Computer Application)



*Principal*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.





CO 2	---	3	---	---	---	3	---	---	3	---	---	---
CO 3	3	---	---	---	3	---	3	---	---	3	---	---
CO 4	---	---	---	3	---	---	---	3	---	---	---	---
CO 5	---	---	3	---	2	---	---	---	2	---	3	---
CO 6	---	3	---	3	---	3	---	---	---	3	---	---
<b>Wat. Average</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2.5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2.5</b>	<b>3</b>	<b>3</b>	<b>3</b>
											<b>Overall Mapping of Subject</b>	<b>2.92</b>

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

CO-PO ATTAINMENT

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1			2.58									2.58
CO 2		2.40				2.40			2.40			
CO 3	2.54				2.54		2.54			2.54		
CO 4				2.60				2.60				
CO 5			2.56		1.71				1.71			2.56
CO 6		2.60		2.60		2.60				2.60		2.60
<b>Average</b>	<b>2.54</b>	<b>2.50</b>	<b>2.57</b>	<b>2.60</b>	<b>2.13</b>	<b>2.50</b>	<b>2.54</b>	<b>2.60</b>	<b>2.05</b>	<b>2.57</b>	<b>2.56</b>	<b>2.59</b>
											<b>Overall Attainment of the Subject</b>	<b>2.48</b>

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment

*[Signature]*

H. O. D.

B.B.A. (Computer Application)

Mahatma Phule Mahavidyalaya.

Pimpri, Pune-411 017.



*[Signature]*

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MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.



Rajal Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Practical SEM V (506)

Sr. No	Tool	Test 1			Test-2		
		1	2	3	4	5	6
CO	Question No.	1	2	3	1	2	3
		10	10	10	10	10	10
Maximum Marks	Name of the Students						
		1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	4	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	5	5	3
26	SONUNE DHANASHREE LAXMAN	7	4	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	5	6	5
29	WADAVKAR SAKSHI SURESH	9	7	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	4	7	3	5	9
32	ZAJAM PRADNYA DASHARATH	5	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	27	22	26	27	26	27
Attainments %	81.82	66.67	78.79	81.82	78.79	81.82
Attainment on 3 Point Scale	2.45	2.00	2.36	2.45	2.36	2.45

*B. D. S.*  
H. O. D.

B.B.A. (Computer Application)  
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*S. M. T.*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Practical SEM V (506)

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	8	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	2	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	2	9	2
33	GAJKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	28	27	27	29
Attainments %	84.85	81.82	81.82	87.88
Attainment on 3 Point Scale	2.55	2.45	2.45	2.64
Average		2.50		2.33

H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : BBA (CA) Practical SEM V (506) (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	A
2	CHAUHAN NIKITA OMPRAKASH	B+
3	DHUMAL PRANITA PRAKASH	D
4	GUMME SHILPA BHARAT	A
5	INGLE SNEHAL VASUDEV	A+
6	INGOLE VAIBHAV NIRANJAN	A
7	JADHAV RAJU BABASAHEB	A+
8	JADHAV VAISHNAVI GAJANAN	A
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	A
11	MANE PRATIK DATTATRAY	B+
13	MUNDHE PRATHAMESH BHALCHANDRA	A
14	NANEKAR MEGHANA BHUPENDRA	A
15	PATIL VIKAS BABU	A
16	PAWAR RAVINA BHARAT	B+
17	RANSHINGE SONAL LAXMAN	B+
18	SADAFULE DIPALI RAJENDRA	A+
19	SALVE PRADNYA RATAN	B+
20	SANGANWAR SHRIPAD BALIRAM	A+
21	SAWAKE RAM GANESH	A
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	A+
24	SHINDE AISHWARYA SHITALKUMAR	A+
25	SHITOLE GAURAV ANNASAHEB	A
26	SONUNE DHANASHREE LAXMAN	D
27	TALWARE MAROTI GANGADHAR	A+
28	TANDALE RUTUJA RAVINDRA	A
29	WADAVKAR SAKSHI SURESH	B+
30	WAGHE ROHIT RAMCHANDRA	A
31	WAGHMARE GANGADHAR BALIRAM	A
32	ZAJAM PRADNYA DASHARATH	B
33	GAIKWAD CHINMAY NARHARI	A

Attempts	33
Scores above F Grade (No. pass Students )	33
Attainments %	100

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*Shree*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



*Shree*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.





CO1	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CO2	3	---	---	---	---	3	---	---	---	---	---	---	---	---	---
CO3	---	---	---	---	3	---	---	---	---	---	---	---	---	---	3
CO4	---	---	---	---	---	---	3	---	---	---	---	---	---	---	---
CO5	3	---	---	---	3	---	---	---	---	---	---	---	---	3	---
CO6	---	---	3	---	---	---	---	---	3	---	---	---	---	---	2
<b>Wa.Average</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.50</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.50</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.50</b>
<b>Overall Mapping of Subject</b>															<b>2.88</b>

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put "—"

CO-PO ATTAINMENT

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		2.62							2.62			
CO2	2.36					2.36			1.58			2.54
CO3			2.54		2.54					2.52		
CO4				2.52							2.45	
CO5	2.45		2.45		1.63							1.71
CO6		2.56		2.56			2.56					
<b>Average</b>	<b>2.41</b>	<b>2.59</b>	<b>2.50</b>	<b>2.54</b>	<b>2.09</b>	<b>2.36</b>	<b>2.56</b>	<b>2.52</b>	<b>2.10</b>	<b>2.52</b>	<b>2.45</b>	<b>2.13</b>
<b>Overall Attainment of the Subject</b>												<b>2.40</b>

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment

*H.O.D.*

**H. O. D.**

B.B.A. (Computer Application)

Mahatma Phule Mahavidyalaya,

Pimpri, Pune-411 017.

*Principal*



**PRINCIPAL**

MAHATMA PHULE MAHAVIDYALAYA

PIMPRI, PUNE-411 017.



Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA)Internet of Things (507)

Sr. No	Tool	Test 1			Test-2		
	CO	1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	4	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	4	8	4	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	4	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR.	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	4	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	4	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	5	5	3
26	SONUNE DHANASHREE LAXMAN	7	4	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	5	6	5
29	WADAVKAR SAKSHI SURESH	9	7	4	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	4	7	3	5	9
32	ZAJAM PRADNYA DASHARATH	5	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

<b>Attempts</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>Scores above 50% (Threshold value)</b>	<b>27</b>	<b>20</b>	<b>25</b>	<b>26</b>	<b>24</b>	<b>27</b>
<b>Attainments %</b>	<b>81.82</b>	<b>60.61</b>	<b>75.76</b>	<b>78.79</b>	<b>72.73</b>	<b>81.82</b>
<b>Attainment on 3 Point Scale</b>	<b>2.45</b>	<b>1.82</b>	<b>2.27</b>	<b>2.36</b>	<b>2.18</b>	<b>2.45</b>

*B. B. A.*  
**H. O. D.**

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
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*S. S. S.*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Internet of Things (507)



Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	2	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	3	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	2	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	3	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	2	9	2
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	28	29	25	29
Attainments %	84.85	87.88	75.76	87.88
Attainment on 3 Point Scale	2.55	2.64	2.27	2.64
Average		2.59		2.64

*S. S. S.*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : BBA (CA) Internet of Things (507) (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	O
2	CHAUHAN NIKITA OMPRAKASH	O
3	DHUMAL PRANITA PRAKASH	O
4	GUMME SHILPA BHARAT	O
5	INGLE SNEHAL VASUDEV	O
6	INGOLE VAIBHAV NIRANJAN	O
7	JADHAV RAJU BABASAHEB	A
8	JADHAV VAISHNAVI GAJANAN	O
9	KAMBLE OMKAR RAJARAM	O
10	MALI ADITYA SANTOSH	O
11	MANE PRATIK DATTATRAY	A+
13	MUNDHE PRATHAMESH BHALCHANDRA	A
14	NANEKAR MEGHANA BHUPENDRA	A+
15	PATIL VIKAS BABU	D
16	PAWAR RAVINA BHARAT	A+
17	RANSHINGE SONAL LAXMAN	O
18	SADAFULE DIPALI RAJENDRA	A+
19	SALVE PRADNYA RATAN	O
20	SANGANWAR SHRIPAD BALIRAM	O
21	SAWAKE RAM GANESH	O
22	SAWANT NIKITA ABHIJEET	O
23	SHAIKH SADDAM SHAUKAT	O
24	SHINDE AISHWARYA SHITALKUMAR	O
25	SHITOLE GAURAV ANNASAHEB	O
26	SONUNE DHANASHREE LAXMAN	O
27	TALWARE MAROTI GANGADHAR	A
28	TANDALE RUTUJA RAVINDRA	O
29	WADAVKAR SAKSHI SURESH	A+
30	WAGHE ROHIT RAMCHANDRA	O
31	WAGHMARE GANGADHAR BALIRAM	A+
32	ZAJAM PRADNYA DASHARATH	O
33	GAIKWAD CHINMAY NARHARI	O

Attempts	33
Scores above F Grade (No. pass Students )	33
Attainments %	100

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

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Principal  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune-411 017.



**ATTAINMENT SUMMARY  
 COURSE OUTCOMES**

**After successfully completing this course, students will be able to:**

<b>CO 1</b>	To apply basic, intermediate and advanced techniques to mine the data.
<b>CO 2</b>	To provide an overview of the concept of Spark programming.
<b>CO 3</b>	Students will be able to understand and implement classical models and algorithms in data warehouses and data mining
<b>CO 4</b>	Students will be able to Characterize the kinds of patterns that can be discovered by association rule mining, classification & clustering.
<b>CO 5</b>	Students will be able to understand the informed and uninformed problem types and apply search strategies to solve them.
<b>CO 6</b>	Students will be able to apply difficult real-life problems in a state space representation so as to solve them using AI techniques like searching and game playing

Course Outcomes	Assignment &			End Exam	Attainment
	Test	Oral	Average		
CO 1	2.27	2.18	2.23	3	2.38
CO 2	2.18	2.18	2.18	3	2.34
CO 3	2.27	2.18	2.23	3	2.38
CO 4	2.36	2.14	2.25	3	2.40
CO 5	2.09	2.14	2.12	3	2.29
CO 6	2.27	2.14	2.21	3	2.36
<b>Overall CO Attainment</b>					<b>2.36</b>
Attainment = End Exam 20%+ Internal 80%					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	---	---	---	3	---	3	---	3	---	3	---



CO 2	---	3	---	---	3	3	---	---	---	---	---	---
CO 3	3	---	---	---	---	---	3	---	---	---	---	---
CO 4	---	3	---	3	---	---	---	---	---	3	---	---
CO 5	---	---	3	---	3	---	---	---	---	---	3	---
CO 6	---	---	---	---	---	---	---	3	---	---	---	3
<b>Wat.Average</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>

**Overall Mapping of Subject 3.00**

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	---	---	---	2.38	---	2.38	---	2.38	---	2.38	---
CO 2	---	2.34	---	---	2.34	2.34	---	---	---	---	---	---
CO 3	2.38	---	---	---	---	---	2.38	---	---	---	---	---
CO 4	---	2.40	---	2.40	---	---	---	---	---	2.40	---	---
CO 5	---	---	2.29	---	2.29	---	---	---	---	---	2.29	---
CO 6	---	---	---	---	---	---	---	2.36	---	---	---	2.36
<b>Average</b>	<b>2.38</b>	<b>2.37</b>	<b>2.29</b>	<b>2.40</b>	<b>2.34</b>	<b>2.34</b>	<b>2.38</b>	<b>2.36</b>	<b>2.38</b>	<b>2.40</b>	<b>2.34</b>	<b>2.36</b>

**Overall Attainment of the Subject 2.36**

**COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:**

80% of final direct attainment + 20% of final indirect attainment

*[Signature]*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : Recent Trends in IT BBA (CA)

Sr. No	Tool	Test 1			Test-2		
		1	2	3	4	5	6
	CO	1	2	3	1	2	3
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIR	7	6	5	6	5	6
2	CHAUHAN NIKITA OMPRAKASH	6	5	8	5	8	5
3	DHUMAL PRANITA PRAKASH	5	8	3	3	3	4
4	GUMME SHILPA BHARAT	7	3	8	3	5	3
5	INGLE SNEHAL VASUDEV	6	9	7	9	4	9
6	INGOLE VAIBHAV NIRANJAN	4	7	8	7	3	7
7	JADHAV RAJU BABASAHEB	7	6	3	4	9	4
8	JADHAV VAISHNAVI GAJANAN	4	8	4	8	7	8
9	KAMBLE OMKAR RAJARAM	6	5	7	7	8	3
10	MALI ADITYA SANTOSH	8	4	8	9	3	9
11	MANE PRATIK DATTATRAY	6	5	3	7	9	7
13	MUNDHE PRATHAMESH BHALCHA	5	4	9	6	7	6
14	NANEKAR MEGHANA BHUPENDRA	8	4	7	5	8	5
15	PATIL VIKAS BABU	5	8	6	8	3	8
16	PAWAR RAVINA BHARAT	6	4	5	6	9	3
17	RANSHINGE SONAL LAXMAN	7	8	8	5	7	9
18	SADAFULE DIPALI RAJENDRA	6	4	3	9	6	9
19	SALVE PRADNYA RATAN	4	9	9	7	5	6
20	SANGANWAR SHRIPAD BALIRAM	8	7	7	8	8	8
21	SAWAKE RAM GANESH	7	8	4	3	3	6
22	SAWANT NIKITA ABHIJEET	5	3	8	3	9	9
23	SHAIKH SADDAM SHAUKAT	5	9	3	7	7	6
24	SHINDE AISHWARYA SHITALKUM	8	7	9	6	4	5
25	SHITOLE GAURAV ANNASAHEB	6	6	7	5	8	8
26	SONUNE DHANASHREE LAXMAN	9	5	6	8	3	3
27	TALWARE MAROTI GANGADHAR	7	8	5	6	9	9
28	TANDALE RUTUJA RAVINDRA	8	5	8	9	7	7
29	WADAVKAR SAKSHI SURESH	5	9	8	7	6	4
30	WAGHE ROHIT RAMCHANDRA	4	7	9	6	5	8
31	WAGHMARE GANGADHAR BALIRA	3	4	7	8	8	5
32	ZAJAM PRADNYA DASHARATH	4	8	7	3	3	9
33	GAIKWAD CHINMAY NARHARI	4	7	6	9	9	7

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	25	24	25	26	23	25
Attainments %	75.76	72.73	75.76	78.79	69.70	75.76
Attainment on 3 Point Scale	2.27	2.18	2.27	2.36	2.09	2.27

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Academic Year 2022-23  
Subject : Recent Trends in IT



Sr. No	Tool CO	Assignment-1	Oral-1	Assignment-2	Oral-2
		1,2,3	1,2,3	4,5,6	4,5,6
Maximum Marks		10	5	10	5
Name of the Students					
1	BHOSALE SUDARASHAN DHONDIRA	4	4	6	2
2	CHAUHAN NIKITA OMPRAKASH	4	5	5	4
3	DHUMAL PRANITA PRAKASH	5	2	2	5
4	GUMME SHILPA BHARAT	8	4	3	3
5	INGLE SNEHAL VASUDEV	3	3	9	4
6	INGOLE VAIBHAV NIRANJAN	9	5	7	3
7	JADHAV RAJU BABASAHEB	7	3	5	5
8	JADHAV VAISHNAVI GAJANAN	6	2	8	3
9	KAMBLE OMKAR RAJARAM	5	2	3	5
10	MALI ADITYA SANTOSH	9	5	9	2
11	MANE PRATIK DATTATRAY	6	4	3	4
13	MUNDHE PRATHAMESH BHALCHAN	4	3	6	4
14	NANEKAR MEGHANA BHUPENDRA	8	5	5	2
15	PATIL VIKAS BABU	5	5	3	2
16	PAWAR RAVINA BHARAT	9	3	5	3
17	RANSHINGE SONAL LAXMAN	7	4	5	5
18	SADAFULE DIPALI RAJENDRA	6	5	2	3
19	SALVE PRADNYA RATAN	5	5	7	5
20	SANGANWAR SHRIPAD BALIRAM	4	4	4	4
21	SAWAKE RAM GANESH	3	2	5	3
22	SAWANT NIKITA ABHIJEET	4	3	9	2
23	SHAIKH SADDAM SHAUKAT	7	5	7	5
24	SHINDE AISHWARYA SHITALKUMA	8	4	6	3
25	SHITOLE GAURAV ANNASAHEB	3	2	5	2
26	SONUNE DHANASHREE LAXMAN	9	3	8	5
27	TALWARE MAROTI GANGADHAR	7	5	8	3
28	TANDALE RUTUJA RAVINDRA	4	3	9	3
29	WADAVKAR SAKSHI SURESH	6	4	7	2
30	WAGHE ROHIT RAMCHANDRA	5	2	4	3
31	WAGHMARE GANGADHAR BALIRAM	7	5	8	4
32	ZAJAM PRADNYA DASHARATH	6	2	7	5
33	GAIKWAD CHINMAY NARHARI	5	3	3	2

Attempts	33	33	33	33
Scores above 50%	23	25	23	24
Attainments %	69.70	75.76	69.70	72.73
Attainment on 3 Point Scale	2.09	2.27	2.09	2.18
Average	2.18			

*[Signature]*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : Recent Trends in IT (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	B
2	CHAUHAN NIKITA OMPRAKASH	B+
3	DHUMAL PRANITA PRAKASH	B
4	GUMME SHILPA BHARAT	B
5	INGLE SNEHAL VASUDEV	B
6	INGOLE VAIBHAV NIRANJAN	B+
7	JADHAV RAJU BABASAHEB	B+
8	JADHAV VAISHNAVI GAJANAN	B+
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	A
11	MANE PRATIK DATTATRAY	B+
13	MUNDHE PRATHAMESH BHALCHANDR	B+
14	NANEKAR MEGHANA BHUPENDRA	B+
15	PATIL VIKAS BABU	A
16	PAWAR RAVINA BHARAT	B
17	RANSHINGE SONAL LAXMAN	B
18	SADAFULE DIPALI RAJENDRA	B+
19	SALVE PRADNYA RATAN	B
20	SANGANWAR SHRIPAD BALIRAM	B
21	SAWAKE RAM GANESH	B+
22	SAWANT NIKITA ABHIJEET	B
23	SHAIKH SADDAM SHAUKAT	B
24	SHINDE AISHWARYA SHITALKUMAR	B
25	SHITOLE GAURAV ANNASAHEB	B+
26	SONUNE DHANASHREE LAXMAN	B
27	TALWARE MAROTI GANGADHAR	A
28	TANDALE RUTUJA RAVINDRA	B+
29	WADAVKAR SAKSHI SURESH	B
30	WAGHE ROHIT RAMCHANDRA	B
31	WAGHMARE GANGADHAR BALIRAM	B
32	ZAJAM PRADNYA DASHARATH	F
33	GAIKWAD CHINMAY NARHARI	B+

Attempts	33
Scores above F Grade (No. pass Students)	32
Attainments %	96.97

Level 1	Less than 60%	
Level 2	60-79%	1
Level 3	80 and Above	2
		3

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**ATTAINMENT SUMMARY**  
**COURSE OUTCOMES**

After successfully completing this course, students will be able to:	
CO 1	Able to solve real world problems using OOP techniques.
CO 2	Able to understand the use of abstract classes.
CO 3	Able to solve problems using java collection framework and I/o classes.
CO 4	Able to develop multithreaded applications with synchronization.
CO 5	Able to develop applets for web applications.
CO 6	Able to design GUI based applications

Course Outcomes	Test	Assignment & Oral	Avarage	End Exam	Attainment
CO 1	2.36	2.5	2.43	3	2.54
CO 2	2.27	2.5	2.39	3	2.51
CO 3	2.36	2.5	2.43	3	2.54
CO 4	2.45	2.55	2.50	3	2.60
CO 5	2.18	2.55	2.37	3	2.49
CO 6	2.36	2.55	2.46	3	2.56
<b>Overall CO Attainment</b>					<b>2.54</b>
<b>Attainment = End Exam 20%+ Internal 80%</b>					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2	---	3	---	3	---	3	---	---	2	---	---
CO 2	---	3	---	---	---	3	---	---	3	---	---	2
CO 3	---	---	---	---	---	---	3	---	---	3	---	---
CO 4	---	---	---	3	---	---	---	3	3	---	2	3





Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Software Testing (602)

Sr. No	Tool	Test 1			Test-2		
		1	2	3	4	5	6
	CO	1	2	3	1	2	3
	Question No.	10	10	10	10	10	10
	Maximum Marks						
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	8	3	3
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	7	6	4
29	WADAVKAR SAKSHI SURESH	9	7	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	8	7	3	3	9
32	ZAJAM PRADNYA DASHARATH	4	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	26	25	26	27	24	26
Attainments %	78.79	75.76	78.79	81.82	72.73	78.79
Attainment on 3 Point Scale	2.36	2.27	2.36	2.45	2.18	2.36

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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Software Testing (602)

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	8	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	2	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	2	9	2
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts				
Scores above 50%	33	33	33	33
Attainments %	28	27	27	29
Attainment on 3 Point Scale	84.85	81.82	81.82	87.88
Average	2.55	2.45	2.45	2.64
		2.50		2.50

H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.



Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : BBA (CA) Software Testing (602)(Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	A
2	CHAUHAN NIKITA OMPRAKASH	A
3	DHUMAL PRANITA PRAKASH	A
4	GUMME SHILPA BHARAT	B+
5	INGLE SNEHAL VASUDEV	B+
6	INGOLE VAIBHAV NIRANJAN	C
7	JADHAV RAJU BABASAHEB	B
8	JADHAV VAISHNAVI GAJANAN	B
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	B+
11	MANE PRATIK DATTATRAY	F
13	MUNDHE PRATHAMESH BHALCHANDRA	C
14	NANEKAR MEGHANA BHUPENDRA	B
15	PATIL VIKAS BABU	B
16	PAWAR RAVINA BHARAT	B+
17	RANSHINGE SONAL LAXMAN	B
18	SADAFULE DIPALI RAJENDRA	B
19	SALVE PRADNYA RATAN	A
20	SANGANWAR SHRIPAD BALIRAM	A
21	SAWAKE RAM GANESH	C
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	A
24	SHINDE AISHWARYA SHITALKUMAR	B+
25	SHITOLE GAURAV ANNASAHEB	B
26	SONUNE DHANASHREE LAXMAN	B+
27	TALWARE MAROTI GANGADHAR	B+
28	TANDALE RUTUJA RAVINDRA	F
29	WADAVKAR SAKSHI SURESH	B+
30	WAGHE ROHIT RAMCHANDRA	B
31	WAGHMARE GANGADHAR BALIRAM	A
32	ZAJAM PRADNYA DASHARATH	B+
33	GAIKWAD CHINMAY NARHARI	B

Attempts	33
Scores above F Grade (No. pass Students )	30
Attainments %	90.91

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*[Signature]*  
H. O. D.

B.B.A. (Computer Application)  
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Pimpri, Pune-411 017.



*[Signature]*  
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PIMPRI, PUNE-411 017.





Rayat Shikshan Sansthas  
 Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
 Academic Year 2022-23  
 Department of BBA(CA)  
 Subject : Advance Java (603)

**ATTAINMENT SUMMARY  
COURSE OUTCOMES**

After successfully completing this course, students will be able to:

CO 1	Students will know the concepts of JDBC Programming.
CO 2	Students will know the concepts of multithreading and socket programming
CO 3	Student will know the concepts of spring and hibernate
CO 4	Students will develop the project by using JSP and JDBC
CO 5	Students will develop applications in Spring and Hibernate
CO 6	Student should aware the industry -based programming logics

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.36	2.5	2.43	2	2.34
CO 2	2.27	2.5	2.39	2	2.31
CO 3	2.36	2.5	2.43	2	2.34
CO 4	2.45	2.55	2.50	2	2.40
CO 5	2.18	2.55	2.37	2	2.29
CO 6	2.36	2.55	2.46	2	2.36
<b>Overall CO Attainment</b>					<b>2.34</b>
Attainment = End Exam 20%+ Internal 80%					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2	---	2	---	2	---	2	---	---	2	---	---
CO 2	2	2	---	---	---	2	---	---	2	---	---	2
CO 3	---	---	---	---	---	---	2	---	---	2	---	---
CO 4	---	---	---	2	---	---	---	2	2	---	2	2



CO 5	2	---	2	---	2	---	---	---	---	---	---	---
CO 6	---	---	---	2	---	---	---	---	---	---	---	2
Wat.Average	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
<b>Overall Mapping of Subject</b>											2.00	

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put "-"

#### CO-PO ATTAINMENT

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	1.56	---	1.56	---	1.56	---	1.56	---	---	1.56	---	---
CO 2	1.54	1.54	---	---	---	1.54	---	---	1.54	---	---	1.54
CO 3	---	---	---	---	---	---	1.56	---	---	1.56	---	---
CO 4	---	---	---	1.60	---	---	---	1.60	1.60	---	1.60	1.60
CO 5	1.53	---	1.53	---	1.53	---	---	---	---	---	1.53	---
CO 6	---	---	---	1.58	---	1.58	---	1.58	---	---	---	1.58
Average	1.53	1.54	1.53	1.59	1.53	1.56	1.56	1.59	1.57	1.56	1.56	1.57
<b>Overall Attainment of the Subject</b>											1.56	

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment

**H. O. D.**

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



PRINCIPAL  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : BBA (CA) Advance Java (603)

Sr. No	Tool	Test 1			Test-2		
		1	2	3	4	5	6
	CO	1	2	3	1	2	3
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	8	3	3
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	7	6	4
29	WADAVKAR SAKSHI SURESH	9	7	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	8	7	3	3	9
32	ZAJAM PRADNYA DASHARATH	4	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	26	25	26	27	24	26
Attainments %	78.79	75.76	78.79	81.82	72.73	78.79
Attainment on 3 Point Scale	2.36	2.27	2.36	2.45	2.18	2.36

*B. B. A.*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



*[Signature]*  
PRINCIPAL

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PIMPRI, PUNE-411 017.

Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Advance Java (603)



Sr. No	Tool CO	Assignment-1	Oral-1	Assignment-2	Oral-2
		1,2,3	1,2,3	4,5,6	4,5,6
Maximum Marks		10	5	10	5
Name of the Students					
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	8	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	2	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	2	9	2
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	28	27	27	29
Attainments %	84.85	81.82	81.82	87.88
Attainment on 3 Point Scale	2.55	2.45	2.45	2.45
Average	2.50			

*G. H. O. D.*  
B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017



*Principal*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.



Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : BBA (CA) Advance Java (603) (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	A
2	CHAUHAN NIKITA OMPRAKASH	A+
3	DHUMAL PRANITA PRAKASH	B+
4	GUMME SHILPA BHARAT	B+
5	INGLE SNEHAL VASUDEV	B+
6	INGOLE VAIBHAV NIRANJAN	B
7	JADHAV RAJU BABASAHEB	F
8	JADHAV VAISHNAVI GAJANAN	F
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	F
11	MANE PRATIK DATTATRAY	B
13	MUNDHE PRATHAMESH BHALCHANDRA	F
14	NANEKAR MEGHANA BHUPENDRA	B
15	PATIL VIKAS BABU	B+
16	PAWAR RAVINA BHARAT	B+
17	RANSHINGE SONAL LAXMAN	F
18	SADAFULE DIPALI RAJENDRA	F
19	SALVE PRADNYA RATAN	B
20	SANGANWAR SHRIPAD BALIRAM	B
21	SAWAKE RAM GANESH	F
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	A
24	SHINDE AISHWARYA SHITALKUMAR	F
25	SHITOLE GAURAV ANNASAHEB	B
26	SONUNE DHANASHREE LAXMAN	F
27	TALWARE MAROTI GANGADHAR	A
28	TANDALE RUTUJA RAVINDRA	F
29	WADAVKAR SAKSHI SURESH	A
30	WAGHE ROHIT RAMCHANDRA	F
31	WAGHMARE GANGADHAR BALIRAM	A
32	ZAJAM PRADNYA DASHARATH	F
33	GAIKWAD CHINMAY NARHARI	B

Attempts	33
Scores above F Grade (No. pass Students )	21
Attainments %	63.64

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*H. O. D.*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



*Principal*  
PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.



Rayat Shikshan Sansthas  
 Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
 Academic Year 2022-23  
 Department of BBA(CA)  
 Subject : Dot Net Programming (604)

**ATTAINMENT SUMMARY  
 COURSE OUTCOMES**

After successfully completing this course, students will be able to:	
CO 1	Students will be able to use the features of Dot Net Framework along with the features of VB, C# and ASP
CO 2	Students will be able to design and develop window based and web-based .NET applications.
CO 3	Students will be able to Design and develop a website.
CO 4	Students will be able to design and implement database connectivity using ADO.NET for VB, C# and ASP
CO 5	Students will be able to use ASP.NET controls in web applications
CO 6	Students will be able to use ASP.NET controls in web applications

Course Outcome	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.45	2.55	2.55	2	2.44
CO 2	2.27	2.55	2.55	2	2.44
CO 3	2.36	2.55	2.55	2	2.44
CO 4	2.45	2.55	2.55	2	2.44
CO 5	2.18	2.55	2.55	2	2.44
CO 6	2.36	2.55	2.55	2	2.44
<b>Overall CO Attainment</b>					<b>2.44</b>
Attainment = End Exam 20%+ Internal 80%					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	---	---	---	---	---	3	---	2	---	---	---
CO 2	---	2	---	---	---	2	---	---	---	---	---	---
CO 3	2	---	---	---	---	---	2	---	---	---	---	---



CO 4	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CO 5	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CO 6	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Weighted Average</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.5</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Overall Mapping of Subject</b>																				
<b>2.04</b>																				

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “\_”

#### CO-PO ATTAINMENT

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	---	---	---	---	---	---	2.44	---	1.63	---	---	---
CO 2	---	1.63	---	---	---	1.63	---	---	---	---	---	---
CO 3	1.63	---	---	---	---	---	1.63	---	---	---	---	---
CO 4	---	1.63	---	1.63	---	---	---	---	1.63	---	---	---
CO 5	---	---	1.63	---	1.63	---	---	---	---	---	1.63	---
CO 6	---	---	---	---	---	---	---	1.63	---	---	---	1.63
<b>Average</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>	<b>2.03</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>	<b>1.63</b>
<b>Overall Attainment of the Subject</b>												
<b>1.66</b>												

#### COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment

**H. O. D.**

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri - Pune-411 017

PRINCIPAL  
MAHATMA PHULE MAHAVIDYALAYA  
PIMPRI, PUNE-411 017.





Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Dot Net Programming (604-B)

Sr. No	Tool CO	Test 1			Test-2		
		1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	8	3	3
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	7	6	4
29	WADAVKAR SAKSHI SURESH	9	7	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	8	7	3	3	9
32	ZAJAM PRADNYA DASHARATH	5	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	27	25	26	27	24	26
Attainments %	81.82	75.76	78.79	81.82	72.73	78.79
Attainment on 3 Point Scale	2.45	2.27	2.36	2.45	2.18	2.36

H. O. D.

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Rajat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : Dot Net Programming (604-B)

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
Name of the Students					
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDI	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	8	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	2	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	3	9	2
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	28	28	27	29
Attainments %	84.85	84.85	81.82	87.88
Attainment on 3 Point Scale	2.55	2.55	2.45	2.64
Average	2.55		2.54	

*[Signature]*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
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*[Signature]*  
PRINCIPAL  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23



Subject : Dot Net Programming (604) (Semister End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	B
2	CHAUHAN NIKITA OMPRAKASH	B+
3	DHUMAL PRANITA PRAKASH	B
4	GUMME SHILPA BHARAT	B
5	INGLE SNEHAL VASUDEV	B
6	INGOLE VAIBHAV NIRANJAN	F
7	JADHAV RAJU BABASAHEB	F
8	JADHAV VAISHNAVI GAJANAN	F
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	F
11	MANE PRATIK DATTATRAY	B
13	MUNDHE PRATHAMESH BHALCHANDR	F
14	NANEKAR MEGHANA BHUPENDRA	B
15	PATIL VIKAS BABU	B+
16	PAWAR RAVINA BHARAT	B
17	RANSHINGE SONAL LAXMAN	B+
18	SADAFULE DIPALI RAJENDRA	F
19	SALVE PRADNYA RATAN	F
20	SANGANWAR SHRIPAD BALIRAM	B+
21	SAWAKE RAM GANESH	F
22	SAWANT NIKITA ABHIJEET	A
23	SHAIKH SADDAM SHAUKAT	B+
24	SHINDE AISHWARYA SHITALKUMAR	F
25	SHITOLE GAURAV ANNASAHEB	B
26	SONUNE DHANASHREE LAXMAN	F
27	TALWARE MAROTI GANGADHAR	B+
28	TANDALE RUTUJA RAVINDRA	B+
29	WADAVKAR SAKSHI SURESH	B+
30	WAGHE ROHIT RAMCHANDRA	F
31	WAGHMARE GANGADHAR BALIRAM	C
32	ZAJAM PRADNYA DASHARATH	B
33	GAIKWAD CHINMAY NARHARI	B

Attempts	33
Scores above F Grade (No. pass Students )	22
Attainments %	66.67

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

*Dinesh*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017



*[Signature]*  
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Rayat Shikshan Sanstha's  
**Mahatma Phule Mahavidyalaya, Pimpri pune-17.**  
Department of BBA(CA)

**Unit Test I**

**Subject: (CA- 604) DOT NET FRAMEWORK**

**Time: 10.00 am-11.00 am**

**Total Marks:30**

**Date: 12-12-2022**

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**Q.1 Solve the following (05 Marks for each)**

**30 M**

- 1) state various advantages of .net .
- 2) explain various built-in dialog boxes.
- 3) explain enumeration with an example.
- 4) explain the types of menu control.
- 5) write the properties of DataSourceView class.
- 6) write a program to create a form for database record navigation.



Rayat Shikshan Sansthas  
 Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
 Academic Year 2022-23  
 Department of BBA(CA)  
 Subject : Software Project ( 605)

**ATTAINMENT SUMMARY**  
**COURSE OUTCOMES**

<b>After successfully completing this course, students will be able to:</b>	
<b>CO 1</b>	To develop the skills for actual implementation of programming languages
<b>CO 2</b>	To improve the database management skills and utilize them
<b>CO 3</b>	To formulate real world problems and frame them into problem solving projects
<b>CO 4</b>	To develop the application and solve the problems using computerized applications support
<b>CO 5</b>	To enhance students to gain knowledge of real-world things as well as formulate them into computerized way
<b>CO 6</b>	To implement the theoretical knowledge into programming and problem solving, user-friendly project work

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.55	2.64	2.60	3	2.68
CO 2	2.55	2.64	2.60	3	2.68
CO 3	2.27	2.64	2.46	3	2.56
CO 4	2.27	2.77	2.77	3	2.82
CO 5	2.27	2.77	2.77	3	2.82
CO 6	2.45	2.77	2.77	3	2.82
<b>Overall CO Attainment</b>					<b>2.73</b>
Attainment = End Exam 20%+ Internal 80%					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	---	---	---	2	---	---	3	---	---	---	3
CO 2	---	3	3	---	---	3	---	---	---	---	---	---
CO 3	3	---	---	---	---	---	3	---	---	---	---	---
CO 4	---	3	---	3	---	---	---	---	3	3	---	---



CO 5	---	---	2	---	---	---	---	---	---	---	---	---	---	---
CO 6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>WaL Average</b>	<b>3</b>	<b>3</b>	<b>2.5</b>	<b>3</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2.5</b>
<b>Overall Mapping of Subject 2.79</b>														

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2.68				1.78			2.68				2.68
CO 2		2.68	2.68			2.68						
CO 3	2.56						2.56					
CO 4		2.82		2.82					2.82	2.82		
CO 5			1.88		1.88						2.82	
CO 6						1.88						1.88
<b>Average</b>	<b>2.62</b>	<b>2.75</b>	<b>2.28</b>	<b>2.82</b>	<b>1.83</b>	<b>2.28</b>	<b>2.56</b>	<b>2.68</b>	<b>2.82</b>	<b>2.82</b>	<b>2.82</b>	<b>2.28</b>
<b>Overall Attainment of the Subject 2.54</b>												

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:  
80% of final direct attainment + 20% of final indirect attainment

**H.O.D.**

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Software Project (605)

Sr. No	Tool	Test 1			Test-2		
	CO	1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
Name of the Students							
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	5	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	5	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	8	4	3	3	6
21	SAWAKE RAM GANESH	5	5	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	8	3	5
26	SONUNE DHANASHREE LAXMAN	7	8	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	4	6	4
29	WADAVKAR SAKSHI SURESH	9	4	4	6	6	8
30	WAGHE ROHIT RAMCHANDRA	5	5	7	8	8	6
31	WAGHMARE GANGADHAR BALIRAM	4	8	7	3	5	9
32	ZAJAM PRADNYA DASHARATH	5	7	6	4	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

<b>Attempts</b>	33	33	33	33	33	33
<b>Scores above 50% (Threshold value)</b>	28	28	25	25	25	27
<b>Attainments %</b>	84.85	84.85	75.76	75.76	75.76	81.82
<b>Attainment on 3 Point Scale</b>	2.55	2.55	2.27	2.27	2.27	2.45

*H.O.D.*  
H. O. D.

B.B.A. (Computer Application)  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.



*Principal*  
PRINCIPAL  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : Software Project ( 605)

Sr. No	Tool CO	Assignment-1		Assignment-2	
		Oral-1	Oral-1	Oral-2	Oral-2
		1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	5	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	5	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	3
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	5	3	5	3
21	SAWAKE RAM GANESH	9	2	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	4	3	5	4
25	SHITOLE GAURAV ANNASAHEB	9	2	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	5	3
27	TALWARE MAROTI GANGADHAR	8	5	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	4	5	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	3	7	5
32	ZAJAM PRADNYA DASHARATH	5	3	9	3
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	29	29	30	31
Attainments %	87.88	87.88	90.91	93.94
Attainment on 3 Point Scale	2.64	2.64	2.73	2.82
Average		2.64		

*Bners*  
H. O. D.

B.B.A. (Computer Application)  
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*Prnt*  
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**Rayat Shikshan Sansthas**  
**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**  
**Academic Year 2022-23**

**Subject : Software Project (605) (Semister End Exam)**

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	A
2	CHAUHAN NIKITA OMPRAKASH	A+
3	DHUMAL PRANITA PRAKASH	A+
4	GUMME SHILPA BHARAT	A+
5	INGLE SNEHAL VASUDEV	A+
6	INGOLE VAIBHAV NIRANJAN	A+
7	JADHAV RAJU BABASAHEB	B
8	JADHAV VAISHNAVI GAJANAN	A+
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	A+
11	MANE PRATIK DATTATRAY	A+
13	MUNDHE PRATHAMESH BHALCHANDR	A
14	NANEKAR MEGHANA BHUPENDRA	A+
15	PATIL VIKAS BABU	A+
16	PAWAR RAVINA BHARAT	A+
17	RANSHINGE SONAL LAXMAN	A+
18	SADAFULE DIPALI RAJENDRA	A
19	SALVE PRADNYA RATAN	A+
20	SANGANWAR SHRIPAD BALIRAM	A+
21	SAWAKE RAM GANESH	A
22	SAWANT NIKITA ABHIJEET	A+
23	SHAIKH SADDAM SHAUKAT	A+
24	SHINDE AISHWARYA SHITALKUMAR	A+
25	SHITOLE GAURAV ANNASAHEB	A+
26	SONUNE DHANASHREE LAXMAN	A+
27	TALWARE MAROTI GANGADHAR	A+
28	TANDALE RUTUJA RAVINDRA	A+
29	WADAVKAR SAKSHI SURESH	A
30	WAGHE ROHIT RAMCHANDRA	B
31	WAGHMARE GANGADHAR BALIRAM	B
32	ZAJAM PRADNYA DASHARATH	A+
33	GAIKWAD CHINMAY NARHARI	A

<b>Attempts</b>	<b>33</b>
<b>Scores above F Grade (No. pass Students )</b>	<b>33</b>
<b>Attainments %</b>	<b>100</b>

<b>Level 1</b>	<b>Less than 60%</b>	<b>1</b>
<b>Level 2</b>	<b>60-79%</b>	<b>2</b>
<b>Level 3</b>	<b>80 and Above</b>	<b>3</b>

*Bnes*  
**H. O. D.**

B.B.A. (Computer Application)  
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**ATTAINMENT SUMMARY**  
**COURSE OUTCOMES**

After successfully completing this course, students will be able to:

CO 1	Students will be able to Create user interactive web pages using java & .Net
CO 2	Students will be able to Create simple data binding applications using ADO.Net connectivity.
CO 3	Students will be able to Performing Database operations for Windows Form and web applications.
CO 4	Develop programs using GUI Framework (AWT and Swing).
CO 5	Develop programs to handle events in Java Programming.
CO 6	Develop programs using database.

Course Outcomes	Test	Assignment & Oral	Average	End Exam	Attainment
CO 1	2.55	2.59	2.57	3	2.66
CO 2	2.27	2.59	2.43	3	2.54
CO 3	2.64	2.59	2.62	3	2.69
CO 4	2.55	2.5	2.53	3	2.62
CO 5	2.45	2.5	2.48	3	2.58
CO 6	2.55	2.5	2.53	3	2.62
<b>Overall CO Attainment</b>					<b>2.62</b>
Attainment = End Exam 20%+ Internal 80%					

**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	---	---	---	3	---	---	---	---	3	---	---
CO 2	---	3	---	---	---	2	---	---	3	---	---	2
CO 3	---	---	3	---	---	---	3	---	---	---	---	---
CO 4	---	---	---	3	---	---	---	3	---	---	---	---
CO 5	3	---	3	---	3	---	---	---	2	---	3	---

CO 6	---	3	---	2	---	3	---	---	---	3	---	---	3
<b>Wt.Average</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.50</b>	<b>3.00</b>	<b>2.50</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.50</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>
<b>Overall Mapping of Subject</b>													<b>2.83</b>

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2.66				2.66					2.66		
CO 2		2.54				1.70			2.54			1.70
CO 3			2.69				2.69					
CO 4				2.62				2.62				
CO 5	2.58		2.58		2.58				1.72		2.58	
CO 6		2.62		1.75		2.62				2.62		2.62
<b>Average</b>	<b>2.62</b>	<b>2.58</b>	<b>2.64</b>	<b>2.18</b>	<b>2.62</b>	<b>2.16</b>	<b>2.69</b>	<b>2.62</b>	<b>2.13</b>	<b>2.64</b>	<b>2.58</b>	<b>2.62</b>
<b>Overall Attainment of the Subject</b>												<b>2.47</b>

**COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:**

80% of final direct attainment + 20% of final indirect attainment

*[Signature]*

**H. O. D.**

B.B.A. (Computer Application)  
 Mahatma Phule Mahavidyalaya,  
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*[Signature]*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Practical SEM VI (606)

Sr. No	Tool	Test 1			Test-2		
		1	2	3	4	5	6
Sr. No	CO	1	2	3	1	2	3
	Question No.	1	2	3	1	2	3
Maximum Marks		10	10	10	10	10	10
Name of the Students							
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	5	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	9	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	5	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	8	9	8	9	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	9	7
11	MANE PRATIK DATTATRAY	5	4	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	4	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	9	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	5	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	4	4	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	9	6	5	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	9	5	6	5	5	6
26	SONUNE DHANASHREE LAXMAN	7	5	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	8	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	8	5	6	5
29	WADAVKAR SAKSHI SURESH	9	7	9	6	5	8
30	WAGHE ROHIT RAMCHANDRA	5	5	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	5	7	5	5	9
32	ZAJAM PRADNYA DASHARATH	5	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	28	25	29	28	27	28
Attainments %	84.85	75.76	87.88	84.85	81.82	84.85
Attainment on 3 Point Scale	2.55	2.27	2.64	2.55	2.45	2.55

*H. O. D.*

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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Practical SEM VI (606)

Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	9	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	2
22	SAWANT NIKITA ABHIJEET	7	5	7	2
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	3	2	5	4
25	SHITOLE GAURAV ANNASAHEB	9	3	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	8	3
27	TALWARE MAROTI GANGADHAR	8	3	9	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	3	4	3
30	WAGHE ROHIT RAMCHANDRA	7	5	8	3
31	WAGHMARE GANGADHAR BALIRAM	6	3	7	5
32	ZAJAM PRADNYA DASHARATH	5	2	9	3
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	28	29	27	28
Attainments %	84.85	87.88	81.82	84.85
Attainment on 3 Point Scale	2.55	2.64	2.45	2.55
Average		2.59		2.59

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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23



Subject : BBA (CA) Practical SEM VI (606) (Semester End Exam)

Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	A
2	CHAUHAN NIKITA OMPRAKASH	A+
3	DHUMAL PRANITA PRAKASH	A+
4	GUMME SHILPA BHARAT	A+
5	INGLE SNEHAL VASUDEV	A+
6	INGOLE VAIBHAV NIRANJAN	A+
7	JADHAV RAJU BABASAHEB	B
8	JADHAV VAISHNAVI GAJANAN	A+
9	KAMBLE OMKAR RAJARAM	A
10	MALI ADITYA SANTOSH	A+
11	MANE PRATIK DATTATRAY	A+
13	MUNDHE PRATHAMESH BHALCHANDRA	A
14	NANEKAR MEGHANA BHUPENDRA	A+
15	PATIL VIKAS BABU	A+
16	PAWAR RAVINA BHARAT	A+
17	RANSHINGE SONAL LAXMAN	A+
18	SADAFULE DIPALI RAJENDRA	A
19	SALVE PRADNYA RATAN	A+
20	SANGANWAR SHRIPAD BALIRAM	A+
21	SAWAKE RAM GANESH	A
22	SAWANT NIKITA ABHIJEET	A+
23	SHAIKH SADDAM SHAUKAT	A+
24	SHINDE AISHWARYA SHITALKUMAR	A+
25	SHITOLE GAURAV ANNASAHEB	A+
26	SONUNE DHANASHREE LAXMAN	A+
27	TALWARE MAROTI GANGADHAR	A+
28	TANDALE RUTUJA RAVINDRA	A+
29	WADAVKAR SAKSHI SURESH	A
30	WAGHE ROHIT RAMCHANDRA	B
31	WAGHMARE GANGADHAR BALIRAM	B
32	ZAJAM PRADNYA DASHARATH	A+
33	GAIKWAD CHINMAY NARHARI	A

<b>Attempts</b>	
<b>Scores above F Grade (No. pass Students )</b>	<b>33</b>
<b>Attainments %</b>	<b>33</b>
	<b>100</b>

<b>Level 1</b>	<b>Less than 60%</b>	
<b>Level 2</b>	<b>60-79%</b>	<b>1</b>
<b>Level 3</b>	<b>80 and Above</b>	<b>2</b>
		<b>3</b>

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CO 4	---	3	---	3	---	3	---	3	---	3	---	---
CO 5	3	---	3	---	3	---	---	---	3	---	3	---
CO 6	---	---	---	3	---	---	3	---	---	---	---	2
<b>Wat.Average</b>	<b>3.00</b>	<b>2.50</b>	<b>2.50</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.50</b>	<b>2.50</b>

**Overall Mapping of Subject 2.83**

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “-”

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1			1.67						2.51			
CO 2		1.65					2.47				1.65	
CO 3	2.47				2.47							2.47
CO 4		2.49		2.49		2.49		2.49		2.49		
CO 5	2.42		2.42		2.42				2.42		2.42	
CO 6				2.52			2.52					1.68
<b>Average</b>	<b>2.44</b>	<b>2.07</b>	<b>2.04</b>	<b>2.51</b>	<b>2.44</b>	<b>2.49</b>	<b>2.50</b>	<b>2.49</b>	<b>2.46</b>	<b>2.49</b>	<b>2.03</b>	<b>2.08</b>

**Overall Attainment of the Subject 2.34**

COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:

80% of final direct attainment + 20% of final indirect attainment

*[Signature]*

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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Soft Skill (607)

Sr. No	Tool CO	Test 1			Test-2		
		1	2	3	4	5	6
	Question No.	1	2	3	1	2	3
	Maximum Marks	10	10	10	10	10	10
	Name of the Students						
1	BHOSALE SUDARASHAN DHONDIRAM	3	5	8	5	8	5
2	CHAUHAN NIKITA OMPRAKASH	5	8	3	8	3	8
3	DHUMAL PRANITA PRAKASH	7	3	8	3	5	3
4	GUMME SHILPA BHARAT	6	4	7	9	8	9
5	INGLE SNEHAL VASUDEV	4	7	8	7	3	7
6	INGOLE VAIBHAV NIRANJAN	7	6	3	4	9	4
7	JADHAV RAJU BABASAHEB	4	8	9	8	7	8
8	JADHAV VAISHNAVI GAJANAN	6	5	7	7	8	3
9	KAMBLE OMKAR RAJARAM	3	4	8	4	3	9
10	MALI ADITYA SANTOSH	6	5	3	7	4	7
11	MANE PRATIK DATTATRAY	5	5	9	6	7	6
13	MUNDHE PRATHAMESH BHALCHANDR	8	5	7	5	8	5
14	NANEKAR MEGHANA BHUPENDRA	5	8	6	8	3	8
15	PATIL VIKAS BABU	9	4	5	6	4	3
16	PAWAR RAVINA BHARAT	7	8	8	5	7	9
17	RANSHINGE SONAL LAXMAN	6	4	3	9	6	9
18	SADAFULE DIPALI RAJENDRA	4	9	9	7	5	6
19	SALVE PRADNYA RATAN	8	7	7	8	8	8
20	SANGANWAR SHRIPAD BALIRAM	7	4	5	3	3	6
21	SAWAKE RAM GANESH	5	3	8	3	9	9
22	SAWANT NIKITA ABHIJEET	5	9	3	7	7	6
23	SHAIKH SADDAM SHAUKAT	8	7	3	6	4	5
24	SHINDE AISHWARYA SHITALKUMAR	6	6	7	5	8	8
25	SHITOLE GAURAV ANNASAHEB	4	5	6	5	5	3
26	SONUNE DHANASHREE LAXMAN	7	5	5	6	9	9
27	TALWARE MAROTI GANGADHAR	8	5	3	9	7	7
28	TANDALE RUTUJA RAVINDRA	5	9	3	5	6	5
29	WADAVKAR SAKSHI SURESH	9	7	4	6	5	8
30	WAGHE ROHIT RAMCHANDRA	3	4	7	8	8	5
31	WAGHMARE GANGADHAR BALIRAM	4	4	7	3	5	9
32	ZAJAM PRADNYA DASHARATH	5	7	6	9	9	7
33	GAIKWAD CHINMAY NARHARI	8	9	8	7	7	6

Attempts	33	33	33	33	33	33
Scores above 50% (Threshold value)	24	23	23	26	24	27
Attainments %	72.73	69.70	69.70	78.79	72.73	81.82
Attainment on 3 Point Scale	2.18	2.09	2.09	2.36	2.18	2.45

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Rayat Shikshnn Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23  
Subject : BBA (CA) Soft Skill (607)



Sr. No	Tool	Assignment-1	Oral-1	Assignment-2	Oral-2
	CO	1,2,3	1,2,3	4,5,6	4,5,6
	Maximum Marks	10	5	10	5
	Name of the Students				
1	BHOSALE SUDARASHAN DHONDIRAM	6	5	5	4
2	CHAUHAN NIKITA OMPRAKASH	5	3	8	5
3	DHUMAL PRANITA PRAKASH	8	4	3	3
4	GUMME SHILPA BHARAT	3	3	9	4
5	INGLE SNEHAL VASUDEV	9	5	7	3
6	INGOLE VAIBHAV NIRANJAN	7	3	5	5
7	JADHAV RAJU BABASAHEB	6	5	8	3
8	JADHAV VAISHNAVI GAJANAN	5	2	3	5
9	KAMBLE OMKAR RAJARAM	9	5	9	2
10	MALI ADITYA SANTOSH	6	4	3	4
11	MANE PRATIK DATTATRAY	4	3	6	4
13	MUNDHE PRATHAMESH BHALCHANDI	8	5	5	2
14	NANEKAR MEGHANA BHUPENDRA	5	5	3	5
15	PATIL VIKAS BABU	9	3	5	3
16	PAWAR RAVINA BHARAT	7	4	5	5
17	RANSHINGE SONAL LAXMAN	6	5	2	3
18	SADAFULE DIPALI RAJENDRA	5	5	7	5
19	SALVE PRADNYA RATAN	8	4	8	4
20	SANGANWAR SHRIPAD BALIRAM	3	4	5	3
21	SAWAKE RAM GANESH	9	3	9	5
22	SAWANT NIKITA ABHIJEET	7	5	7	5
23	SHAIKH SADDAM SHAUKAT	8	4	6	3
24	SHINDE AISHWARYA SHITALKUMAR	5	3	5	4
25	SHITOLE GAURAV ANNASAHEB	9	2	8	5
26	SONUNE DHANASHREE LAXMAN	7	5	2	3
27	TALWARE MAROTI GANGADHAR	8	3	4	3
28	TANDALE RUTUJA RAVINDRA	6	4	7	4
29	WADAVKAR SAKSHI SURESH	5	3	4	2
30	WAGHE ROHIT RAMCHANDRA	7	5	8	4
31	WAGHMARE GANGADHAR BALIRAM	6	2	7	5
32	ZAJAM PRADNYA DASHARATH	5	2	9	2
33	GAIKWAD CHINMAY NARHARI	8	5	7	3

Attempts	33	33	33	33
Scores above 50%	29	28	24	28
Attainments %	87.88	84.85	72.73	84.85
Attainment on 3 Point Scale	2.64	2.55	2.18	2.59
Average				2.59

*H. O. D.*  
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Rayat Shikshan Sansthas  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
Academic Year 2022-23

Subject : BBA (CA) Soft Skill (607) (Semister End Exam)


Sr. No	Name of the Students	Grade
1	BHOSALE SUDARASHAN DHONDIRAM	A
2	CHAUHAN NIKITA OMPRAKASH	A
3	DHUMAL PRANITA PRAKASH	O
4	GUMME SHILPA BHARAT	O
5	INGLE SNEHAL VASUDEV	A
6	INGOLE VAIBHAV NIRANJAN	A
7	JADHAV RAJU BABASAHEB	A+
8	JADHAV VAISHNAVI GAJANAN	A+
9	KAMBLE OMKAR RAJARAM	A+
10	MALI ADITYA SANTOSH	A+
11	MANE PRATIK DATTATRAY	A+
13	MUNDHE PRATHAMESH BHALCHANDRA	A+
14	NANEKAR MEGHANA BHUPENDRA	A+
15	PATIL VIKAS BABU	A+
16	PAWAR RAVINA BHARAT	A+
17	RANSHINGE SONAL LAXMAN	A
18	SADAFULE DIPALI RAJENDRA	A
19	SALVE PRADNYA RATAN	A+
20	SANGANWAR SHRIPAD BALIRAM	A+
21	SAWAKE RAM GANESH	A
22	SAWANT NIKITA ABHIJEET	O
23	SHAIKH SADDAM SHAUKAT	A+
24	SHINDE AISHWARYA SHITALKUMAR	O
25	SHITOLE GAURAV ANNASAHEB	O
26	SONUNE DHANASHREE LAXMAN	A+
27	TALWARE MAROTI GANGADHAR	A
28	TANDALE RUTUJA RAVINDRA	A+
29	WADAVKAR SAKSHI SURESH	A
30	WAGHE ROHIT RAMCHANDRA	A+
31	WAGHMARE GANGADHAR BALIRAM	A+
32	ZAJAM PRADNYA DASHARATH	O
33	GAIKWAD CHINMAY NARHARI	A+

Attempts	33
Scores above F Grade (No. pass Students )	33
Attainments %	100

Level 1	Less than 60%	1
Level 2	60-79%	2
Level 3	80 and Above	3

  
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**CO-PO MAPPING**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	---	---	---	2	---	---	---	---	2	---	---
CO 2	---	3	---	---	---	2	---	---	3	---	---	2
CO 3	---	---	3	---	---	---	3	---	---	---	---	---
CO 4	---	---	---	3	---	---	---	3	---	---	---	---
CO 5	2	---	2	---	3	---	---	---	2	---	3	---
CO 6	---	3	---	2	---	3	---	---	---	3	---	3
<b>WaL Average</b>	<b>2.50</b>	<b>3.00</b>	<b>2.50</b>	<b>2.50</b>	<b>2.50</b>	<b>2.50</b>	<b>3.00</b>	<b>3.00</b>	<b>2.50</b>	<b>2.50</b>	<b>3.00</b>	<b>2.50</b>
<b>Overall Mapping of Subject</b>												<b>2.67</b>

**Note:**

Enter correlation levels 1, 2 or 3 as defined below:

**1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), If there is no correlation, put “\_”**

**CO-PO ATTAINMENT**

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2.72	---	---	---	1.81	---	---	---	---	1.81	---	---
CO 2	---	2.60	---	---	---	1.74	---	---	2.60	---	---	1.74
CO 3	---	---	2.76	---	---	---	2.76	---	---	---	---	---
CO 4	---	---	---	2.68	---	---	---	2.68	---	---	---	---
CO 5	1.76	---	1.76	---	2.64	---	---	---	1.76	2.68	2.64	2.68
CO 6	---	2.68	---	1.79	---	2.68	---	---	---	2.68	2.64	2.21
<b>Average</b>	<b>2.24</b>	<b>2.64</b>	<b>2.26</b>	<b>2.24</b>	<b>2.23</b>	<b>2.21</b>	<b>2.76</b>	<b>2.68</b>	<b>2.18</b>	<b>2.25</b>	<b>2.64</b>	<b>2.21</b>
<b>Overall Attainment of the Subject</b>												<b>2.38</b>

**COMPUTATION OF OVERALL CO ATTAINMENT IN THE COURSE:**

80% of final direct attainment + 20% of final indirect attainment

*[Signature]*  
**H.O.D.**

**B.B.A. (Computer Application)**  
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**PRINCIPAL**  
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**PIMPRI, PUNE-411 017.**

