

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**Bachelor of Computer Application**

**B.C.A. II Semester-IV (2022-23)**

**Software Engineering – I Paper-I**

**Result of Unit Test held on 26/03/2022 on Unit I & II**

**Name of the teacher:** Puja Dadhe

Sr. No	Name of the Students	Marks out of 30
1	Aakansha Manik Malewar	16
2	Aanchal Ashwani Yadav	20
3	Aaysuh Rupal Gour	27
4	Abhay Kapurchand Baghele	11
5	Aditya Sandeep Nageshwar	13
6	Aditya Sudhakar Parchand	30
7	Aditya Vinayak Kochare	12
8	Akash Ashok Zade	10
9	Aman Bandu Manwatkar	30
10	Aman Dilip Morghade	16
11	Anish Manish Gour	17
12	Anjali Ghamandilal Choudhary	18
13	Ankush Chandan Pounikar	14
14	Anshul Arvind Gedam	22
15	Anuja Vilas Masalkar	14
16	Archi Ashok Khandelwal	22
17	Arpita Govind Khavaskar	25
18	Arth Haridas Atkare	12
19	Ayas Jahid Pathan	21
20	Ayush Hemant Zade	30
21	Ayush Ramesh Chambhare	22
22	Ayush Shivaji Waghmare	24
23	Ayushi Arun Kawade	15
24	Bhairavi Gajanan Thakare	14
25	Bhavika Anil Raut	20
26	Chanchal Anil Chanap	30
27	Chetan Gunwantarao Khadse	24
28	Darshan Sunil Jogi	27
29	Devyani Sanjay Karangale	28
30	Dhanashri Vijaykumar Chitlange	14
31	Dipali Gangadhar Singade	21
32	Gulshan Kumar Prem Sharma	14

33	Harsh Manik Parate	20
34	Harshada Hansraj Zade	11
35	Harshada Vilas Bobade	11
36	Himanshu Krushanarao Deoghare	25
37	Himdevi Sanjay Thakre	14
38	Jatin Rajiv Dhurve	14

39	Jayesh Vishwambhar Akarte	27
40	Jayshree Jitlal Wasnik	13
41	Kalyani Sudhakar Mendhe	16
42	Kalyani Sukhadeo Vaidya	25
43	Kumud Subhash Turkar	10
44	Laxmi Mohan Badge	10
45	Laxmi Rajeshkumar Rahangdale	15
46	Madhav Sunil Sakharkar	25
47	Manshri Arvind Mandiye	12
48	Minakshi Dhanvant Shiwankar	13
49	Mitali Ramesh Kathe	21
50	Mohd. Jubair Amrullah Hasan Khan	16
51	Mohit Haribhau Fulkar	20
52	Mohnish Surpat Khairwar	21
53	Navin Ravi Kaithwas	21
54	Nikita Umesh Shendre	18
55	Nikita Wamanrao Ambulkar	25
56	Nisarga Bhushan Gaikwad	26
57	Omkar Sunil Dhage	21
58	Paritosh Prakash Barai	26
59	Pooja Tarachand Samarth	21
60	Poonam Bhimrao Kokale	27
61	Prachi Arvind Kalbande	27
62	Prajwal Himmat Gaikwad	19
63	Prajwal Nitin Sakhare	11
64	Prajwal Sunil Dharnedhar	20
65	Pranav Sanjay Manapure	20
66	Pranay Prabhakar Punvatkar	10
67	Pranay Sanjay Sadanpawar	20
68	Pratham Bharat Duryodhan	30
69	Pratham Prashant Paunikar	19
70	Pratik Vinodrao Thosar	22
71	Preyas Rajendra Zodape	29
72	Rahul Narayan Kanojiya	20
73	Raj Dnyaneshwar Khandare	19

74	Rajjat Sanjay Balbuddhe	13
75	Rishabh Vikas Maske	13
76	Ritik Gajanan Sapate	27
77	Riya Sanjay Chauhan	18
78	Riya Sanjay Khanore	20
79	Rohan Mahesh Chintalwar	14
80	Sahil Kishor Mate	30
81	Sakshi Anil Mahalle	10
82	Sakshi Umesh Dumre	17
83	Saloni Sunil Bandebuche	22
84	Samiksha Ramesh Mahajan	11
85	Sanchit Harish Surushe	18
86	Sarika Khorgade	29
87	Sashant Dinanath Deoghare	26
88	Sejal Ashutosh Shahu	12
89	Sejal Vijay Patil	10
90	Shantanu Pruthviraj Khaparde	20
91	Shashank Naresh Marwade	15
92	Shivam Shankar Pichake	21
93	Shivansh Ganesh Paithane	27
94	Shreyash Sunil Deulkar	24
95	Shruti Abhay Singh	10
96	Shruti Jayant Shivankar	28
97	Shruti Manoj Verma	11
98	Siddhant Jayprakash Wankhade	27
99	Smarnika Virendra Borkar	12
100	Snehal Ratan Suryawanshi	28
101	Sovit Sanjay Khairkar	11
102	Srushti Mahesh Birewar	23
103	Suchit Vivek Shende	25
104	Sukanya Balkrushna Moharle	19
105	Suraj Raoji Tulavi	12
106	Suyog Yogesh Gujar	26
107	Sejal Vijay Patil	15
108	Shantanu Pruthviraj Khaparde	25
109	Tanu Sanjay Jayswal	25
110	Trupti Gajanan Madavi	27
111	Umme Nahedia Shakeel Ahmad	13
112	Vaibhavi Vijay Kalode	20
113	Vaishnavi Kailash Gour	20
114	Yash Milind Raikwar	27
115	Yash Vijay Khedikar	12

116	Yash Dipak Jadhao	28
117	Yash Manohar Dahiwale	11
118	Yash Vinod Khanke	23
119	Yashshree Vidyadhar Chiplunkar	25



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S. S. E. S. Am's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's**

**Science College, Congress Nagar, Nagpur**

**Academic Session (2021-2022)**

**B.C.A. II Semester-IV (2021-2022)**

**Software Engineering Paper-I**

**UNIT I**

**Que 1. Solve any three**

1. What is Software Engineering? Explain evolving role of Software. 5
2. Explain different changing nature of software. 5
3. Differentiate between personal and team process models . 5
4. Explain requirement validations for engineering process.

**UNIT II**

**Que 2. Solve any three**

1. Explain any one evolutionary process model in detail. 5
2. Explain functional and non-functional requirements with example. 5
3. Explain unified process in detail. 5
4. Explain Spiral Model in detail.



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**Bachelor of Computer Application**

**B.C.A. II Semester-IV (2021-22)**

**Software Engineering – I Paper-I**

**Result of Unit Test held on 29/04/2021 on Unit III & IV**

**Name of the teacher:**

Sr. no	Sr. No. Student Name	Marks out of 30
1	ADOLKAR HARISH SUNIL	13
2	AGRAWAL SANSKRUTI SURESH	25
3	AKARTE APURVA PRITISH	16
4	ARMARKAR SNEHAL PRAMOD	28
5	ASATKAR ANUSHKA CHANDRAKANT	11
6	AWARKAR DIVYANEE SHRAVAN	14
7	BAGHEL VEDANT PRAMOD	26
8	BARAPATE PRATIK ASHOK	10
9	BARASKAR SUJAL PRABHAKAR	27
10	BARVE SEJAL RAVINDRA	13
11	BHARDE PAVAN KISHAN	25
12	BHATKULKAR ROHIT PRASHANT	13
13	BHIWGADE SAMRUDDHI VINOD	19
14	BHOIKAR MAHI MORESHWAR	30
15	BHOSALE KOMAL MADHUJI	29
16	BISANI PRIYANSHU MANISH	10
17	BISEN GARGI OMPRAKASH	22
18	BORKAR NIDHI GANESH	27
19	CHANDEKAR KARAN REKHACHAND	24
20	CHATUR VAIBHAVI DEVIDAS	25
21	CHOUDHARY SAMANTA SHAILESH	22
22	DAHIKAR TOSHIK SANTOSH	19
23	DANDI SIDDHANT ASHOKRAO	23
24	DAWARE MANASI SHARAD	10
25	DESHMUKH KHOMESHWAR RAJESH	25
26	DESHMUKH PRATIK GOVINDRAO	27
27	DHENGRE MANSHU JAYKUMAR	12
28	DHIRDE APURVA SANDEEP	26
29	DHOKE SUJAL SUDHIR	10
30	DHOKNE ASHLESHA DEVIDAS	12
31	DIGHORE SNEHAL GAJANAN	30

32	GAIDHANE SHIVAM RAJENDRA	19
33	GANVIR SAMPRITI ASHURAJ	13

34	GAUTAM SWEJAL SANJAY	11
35	GHOLSE YASHASVI KISHOR	27
36	GHOSH SURABHI SUBROTA	26
37	GIRIPUNJE PARAG DHANRAJ	26
38	GOMKALE PRUTHA PRAVIN	19
39	GUPTA PRATHEMESH VINOD	12
40	HARODE SALONI RAVI	13
41	JAMGADE ANISHA ASHWIN	28
42	KAJALE MAHESH LAXMANRAO	17
43	KAPRE JANHVI PRASHANT	21
44	KHAN SAANIA SAEED AHMED	27
45	KHANNADE SAMIKSHA SATISH	26
46	KHARBADE SAMIKSHA SATISH	27
47	KHASBADE ARYA PRAMOD	17
48	KHINCHI HARSH RADHESHYAM	24
49	KHOBRAGADE VIBHANSHU RAJU	30
50	KHODASKAR ATUL LAXMIKANT	25
51	KOHAD SIDDHI CHANDRASHEKHAR	16
52	KOHALE YASH ANIL	22
53	KOLHE ISHITA NITIN	27
54	KOLHE PIYUSH MORESHWAR	29
55	KOTTARWAR DIYA PRAKASH	15
56	KSHIRSAGAR SAHIL SUNIL	25
57	KUKDE AYUSH RAJESH	21
58	KUKUTKAR GAURI RAJENDRA	30
59	KULKARNI SHUBHADA DINESH	11
60	LAKADE LALIT DHANRAJ	19
61	LATARE TUSHAR KISHOR	21
62	LOKHANDE ABHIYUSH BANDU	20
63	MAHER GUNJAN BIJOOSINGH	17
64	MAKADE DIVYA ARVIND	17
65	MANGATE VISHVAS BHARGAV	28
66	MANKAR SHIVAM RAVINDRA	12
67	MASKE JATIN PRASHANT	18
68	MISHRA SAKSHI SANJAY	15
69	MOHADIKAR MOHIT MOTILAL	27
70	MOHOD VEDIKA VASANT	29
71	MOON KRUNALI RAJESH	29

72	MOTHARKAR SRUSHTI DASHRATH	30
73	MULEY PURVASHA MANGESH	29
74	NAGDEVE ANUGRA MUKUNDA	13
75	NAGPURE JUHI SANJAY	18
76	NIPANE SANIKA VILAS	19
77	PADOLE AYUSHI YOGESH	28
78	PAL ESHIKA GANESH	25
79	PALIWAL ADITI SUBHASH	13
80	PANDE ABHINAV ABHAY	28
81	PARATE RIYA LAXMAN	16
82	PARATE VEDANT NARENDRA	12
83	PATIL ANUBHAV ANIL	14
84	PATIL SHUBHAM ARUN	30
85	PATIL TEJAS FAKIRA	13
86	POHANE SHRUTI RAJENDRA	14
87	RAMTEKE SHRUTI SHRIKANT	26
88	RAUT SHRUTI SUBHASH	27
89	SAHARE VISHAL JEEVAN	29
90	SAYAM MANISH JIJARAM	13
91	SHANIWARE UDITANSHU SANJAY	10
92	SHA STRAKAR KARAN BABAN	16
93	SHEIKH ADNAN LATIF	10
94	SHEIKH MOHD FAIZAN ABDUL	14
95	MUSTAQUE	21
96	SHIVANKAR KRUPALI SANJAY	23
97	SHUKLA ANAMIKA MAHENDRA	23
98	SHUKLA PRIYANKA BABBU	12
99	SIDDQUI SANA BANO SHAHID AHEMAD	24
100	SINGH SANDHYA TARKESHWAR	21
101	SONULE AISHWARYA SHESHRAO	11
102	TEMBHARE ASHWIN ANIL	13
103	THAKRE ANUSHRI MOHAN	19
104	THAKUR SNEHA MAHENDRASINGH	15
105	TIRPUDE AMRUT UMESH	30
106	TODSAM NANDINI LAKHAMA	17
107	VAIRAGADE ATHARV PRAMOD	24
108	VELHANKAR NISHANT MILIND	15
109	WAGH VAISHNAVI ASHOK	13
110	WANDHARE HIMANSHU RAMRAO	14
111	WANKHADE MANSI PRADEEP	10



112	WARHADE RAJ ANIL	26
113	WATEKAR YASH RAJABHAU	22
114	YADAV RUPANSHU BABBAN	25
115	YESANSURE MOHAN YASHVANT	27



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S.S.E.S. Am's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur**

**Academic Session (2021-2022)**

**B.C.A. II Semester-IV (2021-22)**

**Software Engineering Paper-I**

**UNIT III**

Que 1. Solve any three

1. Explain data models in detail. 5
2. What is Feasibility Study ? Explain need of Feasibility study 5
3. Explain requirement validations for engineering process. 5
4. Explain context model in detail. 5

**UNIT IV**

Que 2. Solve any three

1. Explain architecture in Design concept. 5
2. Explain principles of designing output. 5
3. What are different elements considered in designing software ? 5
4. Explain Data Design elements and architectural design elements in detail. 5



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESSNAGAR, NAGPUR.  
BCA II Semester-IV(2021-22)  
SUBJECT Paper-II  
Result of Unit Test held on 20/02/2022 on  
Unit I and UNIT II**

Name of the teacher: P.M.Dadhe

<b>Sr. No.</b>	<b>Name</b>	<b>Marks outof30</b>
1.	AakanshaManikMalewar	22
2.	AanchalAshwaniYadav	ab
3.	AaysuhRupalGour	23
4.	AbhayKapurchandBaghele	26
5.	AdityaSandeepNageshwar	18
6.	AdityaSudhakarParchand	22
7.	AdityaVinayakKochare	12
8.	AkashAshokZade	19
9.	AmanBanduManwatkar	23
10.	AmanDilipMorghade	24
11.	AnishManishGour	20
12.	AnjaliGhamandilalChoudhary	ab
13.	AnkushChandanPounikar	17
14.	AnshulArvindGedam	18
15.	AnujaVilasMasalkar	16
16.	ArchiAshokKhandelwal	26
17.	ArpitaGovindKhavaskar	16
18.	ArthHaridasAtkare	17
19.	AyasJahidPathan	25
20.	AyushHemantZade	15
21.	AyushRameshChambhare	ab
22.	AyushShivajiWaghmare	11
23.	AyushiArunKawade	22
24.	BhairaviGajananThakare	16
25.	BhavikaAnilRaut	18
26.	ChanchalAnilChanap	10
27.	ChetanGunwantaraoKhadse	13

28.	DarshanSunilJogi	12
29.	DevyaniSanjayKarangale	14
30.	DhanashriVijaykumarChitlange	11
31.	DipaliGangadharSingade	22
32.	GulshanKumarPremSharma	20
33.	HarshManikParate	10
34.	HarshadaHansrajZade	23
35.	HarshadaVilasBobade	ab
36.	HimanshuKrushanaraoDeoghare	23
37.	HimdeviSanjayThakre	21
38.	JatinRajivDhurve	26
39.	JayeshVishwambharAkarte	11
40.	JayshreeJitlalWasnik	26
41.	KalyaniSudhakarMendhe	22
42.	KalyaniSukhadeoVaidya	11
43.	KumudSubhashTurkar	ab
44.	LaxmiMohanBadge	11
45.	LaxmiRajeshkumarRahangdale	16
46.	MadhavSunilSakharkar	9
47.	ManshriArvindMandiye	17
48.	MinakshiDhanvantShiwankar	23
49.	MitaliRameshKathe	11
50.	Mohd.JubairAmrullahHasanKhan	25
51.	MohitHaribhauFulkar	ab
52.	MohnishSurpatKhairwar	21
53.	NavinRaviKaithwas	16
54.	NikitaUmeshShendre	13
55.	NikitaWamanraoAmbulkar	16
56.	NisargaBhushanGaikwad	13
57.	OmkarSunilDhage	22
58.	ParitoshPrakashBarai	18
59.	PoojaTarachandSamarth	24
60.	PoonamBhimraoKokale	20

61.	PrachiArvindKalbande	23
62.	PrajwalHimmatGaikwad	25
63.	PrajwalNitinSakhare	21
64.	PrajwalSunilDharnedhar	ab
65.	PranavSanjayManapure	10
66.	PranayPrabhakarPunvatkar	14
67.	PranaySanjaySadanpawar	15
68.	PrathamBharatDuryodhan	20
69.	PrathamPrashantPaunikar	21
70.	PratikVinodraoThosar	18
71.	PreyasRajendraZodape	13
72.	RahulNarayanKanojiya	25
73.	RajDnyaneshwarKhandare	12
74.	RajjatSanjayBalbuddhe	26
75.	RishabhVikasMaske	24
76.	RitikGajananSapate	26
77.	RiyaSanjayChauhan	12
78.	RiyaSanjayKhanore	24
79.	RohanMaheshChintalwar	14
80.	SahilKishorMate	13
81.	SakshiAnilMahalle	12
82.	SakshiUmeshDumre	ab
83.	SaloniSunilBande buche	20
84.	SamikshaRameshMahajan	23
85.	SanchitHarishSurushe	25
86.	SarikaKhorgade	15
87.	SashantDinanathDeoghare	25
88.	SejalAshutoshShahu	11
89.	SejalVijayPatil	26
90.	ShantanuPruthvirajKhaparde	21
91.	ShashankNareshMarwade	16
92.	ShivamShankarPichake	26
93.	ShivanshGaneshPaithane	17

94.	ShreyashSunilDeulkar	10
95.	ShrutiAbhaySingh	ab
96.	ShrutiJayantShivankar	11
97.	ShrutiManojVerma	21
98.	SiddhantJayprakashWankhade	9
99.	SmarnikaVirendraBorkar	26
100.	SnehalRatanSuryawanshi	23
101.	SovitSanjayKhairkar	23
102.	SrushtiMaheshBirewar	13
103.	SuchitVivekShende	12
104.	SukanyaBalkrushnaMoharle	ab
105.	SurajRaojiTulavi	13
106.	SuyogYogeshGujar	17
107.	TanuSanjayJayswal	11
108.	TruptiGajananMadavi	15
109.	UmmeNahediaShakeelAhmad	18
110.	VaibhaviVijayKalode	11
111.	VaishnaviKailashGour	21
112.	YashMilindRaikwar	9
113.	YashVijayKhedikar	26
114.	YashDipakJadhao	23
115.	YashManoharDahiwale	23
116.	YashVinodKhanke	13
117.	YashshreeVidyadharChiplunkar	12



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S. S. E. S. Am's Science College,  
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's  
**Science College, Congress Nagar, Nagpur**  
Academic Session 2021-2022  
Bachelor of computer Application (BCA) (Semester-II)  
Paper-II  
(SUBJECT PL SQL)

**UNIT TEST**

**Time: 45 min.]**

**[MaximumMarks: 30**

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| (a) Explain different operators in SQL.          | 5 |
| (b) Explain the following constraints :          |   |
| (i) Foreign key constraint                       |   |
| (ii) Check constraint.                           | 5 |
| (c) Write a short note on sequence and synonyms. | 5 |
| (d) Give syntax, purpose and example for :       |   |
| (i) SELECT using order by clause                 |   |
| (ii) SELECT using Group by and Having clause     | 5 |

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

- |   |   |
|---|---|
| (a) What is a view ? Write the rules for updating views.<br>Also write down the syntax and example for updating a view. | 5 |
| (b) Write a program in PL/SQL to swap the values of two variables<br>without using a third variable.                    | 5 |
| (c) Write short notes on object view and read only view   | 5 |
| (d) Write a PL/SQL code to find the largest of three numbers.   | 5 |



**Signature of the Teacher**



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Congress Nagar, Nagpur

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S**  
**SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**  
**BCAII Semester-IV(2021-22)**  
**SUBJECT Paper-II**  
**Result of Unit Test held on 17/04/2022 on**  
**Unit III and UNIT IV**

Name of the teacher: p.m.dadhe

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1.	Aakansha Manik Malewar	20
2.	Aanchal Ashwani Yadav	ab
3.	Aaysuh Rupal Gour	22
4.	Abhay Kapurchand Baghele	26
5.	Aditya Sandeep Nageshwar	18
6.	Aditya Sudhakar Parchand	ab
7.	Aditya Vinayak Kochare	12
8.	Akash Ashok Zade	17
9.	Aman Bandu Manwatkar	23
10.	Aman Dilip Morghade	24
11.	Anish Manish Gour	20
12.	Anjali Ghamandilal Choudhary	ab
13.	Ankush Chandan Pounikar	17
14.	Anshul Arvind Gedam	18
15.	Anuja Vilas Masalkar	18
16.	Archi Ashok Khandelwal	21
17.	Arpita Govind Khavaskar	16
18.	Arth Haridas Atkare	ab
19.	Ayas Jahid Pathan	25
20.	Ayush Hemant Zade	15
21.	Ayush Ramesh Chambhare	22
22.	Ayush Shivaji Waghmare	11
23.	Ayushi Arun Kawade	22
24.	Bhairavi Gajanan Thakare	16
25.	Bhavika Anil Raut	18
26.	Chanchal Anil Chanap	10



27.	ChetanGunwantaraoKhadse	13
28.	DarshanSunilJogi	Ab
29.	DevyaniSanjayKarangale	14
30.	DhanashriVijaykumarChitlange	11
31.	DipaliGangadharSingade	ab
32.	GulshanKumarPremSharma	20
33.	HarshManikParate	10
34.	HarshadaHansrajZade	23
35.	HarshadaVilasBobade	16
36.	HimanshuKrushanaraoDeoghare	23
37.	HimdeviSanjayThakre	21
38.	JatinRajivDhurve	26
39.	JayeshVishwambharAkarte	11
40.	JayshreeJitlalWasnik	26
41.	KalyaniSudhakarMendhe	22
42.	KalyaniSukhadeoVaidya	11
43.	KumudSubhashTurkar	26
44.	LaxmiMohanBadge	11
45.	LaxmiRajeshkumarRahangdale	16
46.	MadhavSunilSakharkar	19
47.	ManshriArvindMandiye	ab
48.	MinakshiDhanvantShiwankar	23
49.	MitaliRameshKathe	11
50.	Mohd.JubairAmrullahHasanKhan	25
51.	MohitHaribhauFulkar	9
52.	MohnishSurpatKhairwar	21
53.	NavinRaviKaithwas	16
54.	NikitaUmeshShendre	13
55.	NikitaWamanraoAmbulkar	16
56.	NisargaBhushanGaikwad	13
57.	OmkarSunilDhage	22
58.	ParitoshPrakashBarai	18
59.	PoojaTarachandSamarth	24

60.	PoonamBhimraoKokale	20
61.	PrachiArvindKalbande	23
62.	PrajwalHimmatGaikwad	25
63.	PrajwalNitinSakhare	21
64.	PrajwalSunilDharnedhar	11
65.	PranavSanjayManapure	ab
66.	PranayPrabhakarPunvatkar	14
67.	PranaySanjaySadanpawar	15
68.	PrathamBharatDuryodhan	20
69.	PrathamPrashantPaunikar	21
70.	PratikVinodraoThosar	18
71.	PreyasRajendraZodape	13
72.	RahulNarayanKanojiya	25
73.	RajDnyaneshwarKhandare	12
74.	RajjatSanjayBalbuddhe	26
75.	RishabhVikasMaske	24
76.	RitikGajananSapate	26
77.	RiyaSanjayChauhan	12
78.	RiyaSanjayKhanore	24
79.	RohanMaheshChintalwar	14
80.	SahilKishorMate	13
81.	SakshiAnilMahalle	12
82.	SakshiUmeshDumre	22
83.	SaloniSunilBande buche	20
84.	SamikshaRameshMahajan	ab
85.	SanchitHarishSurushe	25
86.	SarikaKhorgade	15
87.	SashantDinanathDeoghare	25
88.	SejalAshutoshShahu	11
89.	SejalVijayPatil	26
90.	ShantanuPruthvirajKhaparde	21
91.	ShashankNareshMarwade	16
92.	ShivamShankarPichake	26

93.	ShivanshGaneshPaithane	17
94.	ShreyashSunilDeulkar	ab
95.	ShrutiAbhaySingh	19
96.	ShrutiJayantShivankar	11
97.	ShrutiManojVerma	21
98.	SiddhantJayprakashWankhade	9
99.	SmarnikaVirendraBorkar	26
100.	SnehalRatanSuryawanshi	23
101.	SovitSanjayKhairkar	23
102.	SrushtiMaheshBirewar	13
103.	SuchitVivekShende	12
104.	SukanyaBalkrushnaMoharle	25
105.	SurajRaojiTulavi	ab
106.	SuyogYogeshGujar	ab
107.	TanuSanjayJayswal	11
108.	TruptiGajananMadavi	15
109.	UmmeNahediaShakeelAhmad	18
110.	VaibhaviVijayKalode	11
111.	VaishnaviKailashGour	21
112.	YashMilindRaikwar	9
113.	YashVijayKhedikar	26
114.	YashDipakJadhao	23
115.	YashManoharDahiwale	23
116.	YashVinodKhanke	13
117.	YashshreeVidyadharChiplunkar	12



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S. S. E. S. Am's Science College,  
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of computer Application (BCA) (Semester-II)  
Paper-II  
(SUBJECT PL SQL)

**UNIT TEST**

**Time: 45 min.]**

**[MaximumMarks: 30**

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- (a) What is Exception ? Explain Exception handling in PL/SQL with suitable example. 5
- (b) Write a procedure in PL/SQL to increase the salaries of all employees in an organization by 10%. employee (Name, AGE, SEX, BASIC\_SAL). 5
- (c) What is Cursor ? Differentiate between implicit and explicit cursor. 5
- (d) What is Procedure ? Explain how to create a procedure using parameter. 5

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

- (a) What is Trigger ? Write a note on 'enabling and disabling trigger'. 5
- (b) Create a function that calculates and returns the factorial of a number. 5
- (c) Explain the use of BEFORE and AFTER triggers giving suitable examples. 5
- (d) Write a function that finds and returns the larger of two numbers. 5



**Signature of the Teacher**



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.  
BCAII Semester-IV (2021-22)**

**Theory of Computation**

**Paper-III**

**Result of Unit Test held on 28/02/2022 on**

**Unit I and Unit II**

**Name of the teacher: Dr. Varsha C. Pande**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	Ahmad Umme nahedia Shakeel	27
2	Akarte Jayesh Vishwambhar	14
3	Atkare Arth Haridas	5
4	Badge Laxmi Mohan	25
5	Baghele Abhay Kapurchand	16
6	Balbuddhe Rajjat Sanjay	27
7	Bandebuche Saloni Sunil	AB
8	Barai Paritosh Prakash	AB
9	Birewar Srushti Mahesh	8
10	Bobade Harshada Vilas	21
11	Chambhare Ayush Ramesh	9
12	Chanap Chanchal Anil	18
13	Chauhan Riya Sanjay	19
14	Chintalwar Rohan Mahesh	19
15	Chiplunkar Yashshree Vidyadhar	17
16	Chitlange Dhanshri Vijaykumar	13
17	Dahiwale Yash Manohar	AB
18	Deoghare Himanshu Krushanarao	AB
19	Deoghare Sashant Dinanath	20
20	Deshpande Renuka Padmanabh	10
21	Deulkar Shreyash Sunil	13
22	Dhage Omkar Sunil	22
23	Dharnedhar Prajwal Sunil	12
24	Dumre Sakshi Umesh	17
25	Duryodhan Pratham Bharat	15
26	Fulkar Mohit Haribhau	23

27	Gaikwad Nisarga Bhushan	10
28	Gaikwad Prajwal Himmat	23
29	Gour Aaysuh Ruplal	15
30	Gour Anish Manish	22
31	Gour Vaishnavi Kailash	19
32	Gujar Suyog Yogesh	15
33	Jadhao Yash Dipak	28
34	Jayswal Tanu Sanjay	28
35	Jogi Darshan Sunil	AB
36	Kaithwas Navin Ravi	AB
37	Kalbande Prachi Arvind	AB
38	Kalode Vaibhavi Vijay	13
39	Kanojiya Rahul Narayan	26
40	Karangale Devyani Sanjay	12
41	Kathe Mitali Ramesh	19
42	Kawade Ayushi Arun	23
43	Khadse Chetan Gunwantrao	24
44	Khairkar Sovit Sanjay	16
45	Khan Mohd. Jubair Amrullah Hasan	25
46	Khandare Raj Dnyaneshwar	19
47	Khandelwal Archi Ashok	18
48	Khanke Yash Vinod	7
49	Khanore Riya Sanjay	15
50	Khaparde Shantanu Pruthviraj	23
51	Khavaskar Arpita Govind	27
52	Khedikar Yash Vijay	20
53	Khorgade Sarika	21
54	Kochare Aditya Vinayak	13
55	Kokale Poonam Bhimrao	19
56	Madavi Trupti Gajanan	14
57	Mahajan Samiksha Ramesh	26
58	Mahalle Sakshi Anil	17
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60	Manapure Pranav Sanjay	18
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64	Masalkar Anuja Vilas	28
65	Maske Rishabh Vikas	AB
66	Mate Sahil Kishor	AB
67	Mendhe Kalyani Sudhakar	9
68	Moharle Sukanya Balkrushna	16
69	Mokaddam Shubham Narayanrao	12
70	Morghade Aman Dilip	26
71	Nageshwar Aditya Sandeep	20
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95	Shiwankar Minakshi Dhanvant	18
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111	Zade Harshada Hansraj	AB
112	Zodape Preyas Rajendra	23



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Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of computer Application (BCA) (Semester-IV)  
Paper-III  
THEORY OF COMPUTATION

**UNIT TEST**

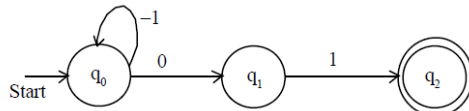
**Time: 45 min.]**

**[Maximum Marks: 30**

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

1. What is Finite Automata ? Construct a NFA accepting all strings in  $\{a, b\}^+$  with either two consecutive a's or two consecutive b's. 5
2. Explain the construction of NFA with E-transition from any given regular expression. 5
3. Explain the steps in conversion of NFA to DFA. Convert the following NFA to DFA. 5



4. Explain Finite Automata with output. 5

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

1. Explain the closure properties of regular set with example. 5
2. Explain Derivation Tree in detail. 5
3. Find whether the languages:  
 $\{ww^R / w \text{ is in } (1+0)^*\}$  is regular or not. 5
4. Explain Decision Algorithm for Regular sets. 5

**Signature of the Teacher**

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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**BCAII Semester-IV (2021-22)**

**Theory of Computation**

**Paper-III**

**Result of Unit Test held on 18/04/2022 on**

**Unit III and Unit IV**

**Name of the teacher: Dr. Varsha C. Pande**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	Ahmad Ummenahedia Shakeel	9
2	Akarte Jayesh Vishwambhar	19
3	Atkare Arth Haridas	22
4	Badge Laxmi Mohan	25
5	Baghele Abhay Kapurchand	11
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19	Deoghare Sashant Dinanath	AB
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45	Khan Mohd. Jubair Amrullah Hasan	10
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47	Khandelwal Archi Ashok	27
48	Khanke Yash Vinod	18
49	Khanore Riya Sanjay	9
50	Khaparde Shantanu Pruthviraj	AB
51	Khavaskar Arpita Govind	24
52	Khedikar Yash Vijay	26
53	Khorgade Sarika	18
54	Kochare Aditya Vinayak	28
55	Kokale Poonam Bhimrao	24
56	Madavi Trupti Gajanan	18
57	Mahajan Samiksha Ramesh	10
58	Mahalle Sakshi Anil	19
59	Malewar Aakansha Manik	AB

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61	Mandiye Manshri Arvind	18
62	Manwatkar Aman Bandu	8
63	Marwade Shashank Naresh	10
64	Masalkar Anuja Vilas	21
65	Maske Rishabh Vikas	14
66	Mate Sahil Kishor	18
67	Mendhe Kalyani Sudhakar	17
68	Moharle Sukanya Balkrushna	AB
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72	Nagpure Devkumar Ganesh	28
73	Paithane Shivansh Ganesh	28
74	Parate Harsh Manik	12
75	Parchand Aditya Sudhakar	AB
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85	Sakhare Prajwal Nitin	26
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87	Sakharkar Pushpak Ganesh	28
88	Samarth Pooja Tarachand	17
89	Sapate Ritik Gajanan	17
90	Shahu Sejal Ashutosh	24
91	Sharma Gulshan Kumar Prem	20
92	Shende Suchit Vivek	AB

93	Shendre Nikita Umesh	12
94	Shivankar Shruti Jayant	26
95	Shiwankar Minakshi Dhanvant	19
96	Singade Dipali Gangadhar	10
97	Singh Shruti Abhay	18
98	Surushe Sanchit Harish	15
99	Suryawanshi Snehal Ratan	16
100	Thakare Bhairavi Gajanan	23
101	Thakre Himdevi Sanjay	11
102	Thosar Pratik Vinodrao	18
103	Tulavi Suraj Raoji	AB
104	Turkar Kumud Subhash	AB
105	Vaidya Kalyani Sukhadeo	11
106	Verma Shruti Manoj	10
107	Waghmare Ayush Shivaji	8
108	Wath Anushree Prabin	16
109	Yadav Aanchal Ashwani	6
110	Zade Ayush Hemant	11
111	Zade Harshada Hansraj	26
112	Zodape Preyas Rajendra	22



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S.S.E.S. Am's Science College,  
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of computer Application (BCA) (Semester-IV)  
Paper-III  
THEORY OF COMPUTATION

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 30**

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- 1 Show that the following language is not context free,  
 $L = \{a_n b_n c_n \mid n \leq m \leq 2n\}$ . 5
- 2 Explain (i) Chomsky Normal Form  
(ii) Greibach Normal Form. 5
- 3 Explain pumping lemma for CFG. 5
- (D) Prove any two decision properties of context free languages. 5

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

- 1 Explain push down Automata. 5
- 2 Construct a PDA accepting  $L = \{W \in \{a, b\}^* \mid W \text{ is a palindrome}\}$  by final state. 5
- 3 Prove that context free languages are closed under union. 5
- 4 Prove that for every CFL, there exists an equivalent push down automata. 5



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**BCA II Semester-IV(2021-22)**

**Operation Research-II Paper-IV**

**Result of Unit Test held on 20/1/2022on**

**Unit I and Unit II**

**Name of The Teacher: -A.U. Bansinge**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	AACHAL RAJNAND ARVERKAR	18
2	AAYUSH RAJENDRA TAREKAR	12
3	ABHISHEK SANJAY THOKAL	11
4	ADITYA KAILAS MANE	18
5	AISHWARYA NAMDEV LATKAR	20
6	AKANKSHA AJAYKUMAR SHENDE	25
7	ALKESH ARUN MAHAMUNE	26
8	ANSH MOHAN PIMPLE	28
9	ANSHU GUNWANT YEKUDE	22
10	ANUJA VILAS ZADE	21
11	ANUPAM RAKESH PANDEY	30
12	ANURAG GANESH MASRAM	25
13	ANURAG RAJESH WASNIK	28
14	ARCHANA TEJRAM SHARNAGATE	27
15	AYUSH BABAN PAWAR	24
16	AYUSH RAJESH DUBEY	15
17	CHETNA SUNIL HEDAU	11
18	DARSHAN SUDESH KAMBLE	15
19	DEVASHISH SANTOSHKUMAR TEMBHARE	19



20	EKNATH VIJAY KAPSE	20
21	GAURAV LAXMICHAND RAHANGDALE	21
22	HARSH ASHISH KSHIRSAGAR	23
23	HARSH HARISH GAIKWAD	24
24	HARSHAL RAJU DAF	25
25	HARSHALI ASHOK TAKALKHEDE	18
26	HIMANSHU YASHWANT GAIDHANE	12
27	ISHWESHWARI RAJENDRA THAKRE	11
28	KAJAL ASHOK UMARE	18
29	KALASH SUKRAM GONDHULE	20
30	KARINA PARASRAM ATRAHE	25
31	KARTAVYA PRAKASH BADGE	26
32	KARTIK SUDHAKAR BAMBAL	28
33	KHUSHEE UDELAL PARDHI	22
34	KHUSHI ASHOK GHATE	21
35	KHUSHI MANOJ BHAGAT	23
36	KOMAL KAILASH PATIYE	25
37	KRUNAL AJAY KUHITE	28
38	LEENA MURLIDHAR YENKAR	27
39	MAHIMA RAJENDRA BHASMOTE	24
40	MAI RAMDAS BANSOD	15
41	MANAS SHAILENDRA KOKATE	11
42	MOIN ABDUL WAHID KHAN	15
43	MUGHEES UR SHAFIQR RAHMAN ANSARI	19
44	MUSHFIQUE MEHBOOB ALI	20
45	NAMRATA PRAMOD THAWARE	21
46	NANDINI PRAVINSINGH SURYAWANSHI	23
47	NANDINI VIJAYRAO KHANDARE	24
48	NAYANI SUNIL BORKAR	25
49	NEHA VIJAY VAIDYA	18
50	NIDHI KOMAL CHANDEL	12

51	NIKITA SATISH WARATKAR	11
52	NILESH HIRJI SHAHARE	18
53	NISARGA SANJAY HADKE	20
54	NITESH NEHARULAL PATRE	25
55	OM PANKAJ THORAT	26
56	PAWAN HOMRAJ SATPUTE	28
57	PAWANKUMAR RAMKISHOR GOKHE	22
58	PAYAL JAYENDRA AMBULE	21
59	PIYUSH CHANDRAMANI KHANDEKAR	23
60	PRACHI DNYANESHWAR BARDE	25
61	PRACHI MAHESH HULKE	28
62	PRAJWAL ASHOKRAO CHAUDHARI	27
63	PRANALI PRABHAKAR NAGPURE	24
64	PRANAY VAISRAJ GEDAM	15
65	PRANJAL RAJESH AMBULKAR	11
66	PRANJALI CHANDRAKANT KATRE	15
67	PRASHANT KISANAJI HIRUDKAR	19
68	PRATHMESH SHRAWAN ZADE	20
69	PRATIK TULSHIRAM BHUJADE	21
70	PRITI BIJENDRA PANDEY	23
71	PUJAN SANJAY SHAHARE	24
72	PUSHPAK ANIL TAMBULKAR	25
73	RAJNI MANOJRAO PISE	18
74	REHAN SHAHEJAD FARUKI	12
75	RISHITA ASHOK RAUT	11
76	RUCHIKA SHANKAR MESHRAM	18
77	RUPESH RAJENDRA GHUMARE	20
78	SAGAR SUNIL KALBANDHE	25
79	SAHIL GANESH BHEDE	26
80	SAHIL RAVINDRA CHOUDHARI	28
81	SAMIKSHA NARENDRA NAKSHANE	22

82	SAMIKSHA PRAKASH DUPARE	21
83	SANCHALI RAMKRUSHNA DHOTE	23
84	SANJANA VINOD WELE	25
85	SANKET KISHOR TIKHADE	28
86	SARANG NARENDRA BURDE	27
87	SARVESH RAMESH SAHARE	24
88	SAURABH GANESH GAIKWAD	15
89	SAYYAM SHYAMKUMAR CHICHKHEDE	11
90	SHARDUL SUDHIR GARADE	15
91	SHIVAM RAMESH NACHANKAR	19
92	SHRAVANI VINOD DESHMUKH	20
93	SHREYA LAHU WAGH	21
94	SHRUSTI RAJESH RAMTEKE	23
95	SHWETA BALKRUSHNA BADKHAL	24
96	SIDDHESH SUBHASH GUHE	25
97	SNEHA SANDIP WASNIK	18
98	SNEHAL RAVINDRA RAJGE	12
99	TANMAY PREMGOPAL MALGHATE	11
100	TANUSHREE RAM JAULKAR	18
101	TANUSHREE REVNATH KOLHEKAR	20
102	TANVI DINESH TURKAR	25
103	TANVI RAJEEV DEDHE	26
104	TEJAS DNYANESHWAR WANKHEDE	28
105	TEJASWINI PUNDLIK YEKUDE	22
106	TRINKAL SANJAY DHALE	21
107	TRUPTI ASHOK PATLE	23
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109	TUSHAR BHAUJI BAGADE	28
110	VAIBHAVI CHANDRASHEKHAR MESHRAM	27
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112	VAISHALI MADHUKAR CHAUDHARI	15

113	VAISHNAVI SUNIL GAIKWAD	11
114	VAISHNAVI VINOD MAHAKALKAR	15
115	VANSHIKA ARUN KHANDATE	19
116	VIKAS NAMDEO SANAP	20
117	YASH NARESH SONBARSE	21
118	YASH PRAVIN KHARABE	23
119	YASHASHREE RAMESHRAO PADWE	24
120	Shlok Yadav	22
121	Anurag Mishra	21

*Signature*

**Signature of the Teacher**

*Signature*

**Head  
Department of Computer Science**



Professor & Head  
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S. S. E. S. Amr's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-IV)  
Operation Resarch-II, Paper-IV  
UNIT TEST on Unit I - II**

[ Time: 45 min.]

[Maximum Marks: 30]

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1.Explain Game theory with its assumption.             | 5 |
| 2.Explain the method of Games without saddle point     | 5 |
| 3.Write the application of game theory                 | 5 |
| 4. Explain the graphical method for $2 \times n$ games | 5 |

**UNIT-II**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1.Define Event, activity, looping, Dangling.                         | 5 |
| 2. Explain Different time estimates made for each activity for PERT. | 5 |
| 3.State the difference between CPM and PERT                          | 5 |
| 4.Write down the rules for network construction.                     | 5 |



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S. S. E. S. Am's Science College,  
Congress Nagar, Nagpur

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S**

**SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**BCA II Semester-IV(2021-22)**

**Operation Research-II Paper-IV**

**Result of Unit Test held on 8/2/2022on**

**Unit III and Unit IV**

**Name of The Teacher: -A.U. Bansinge**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	AACHAL RAJNAND ARVERKAR	18
2	AAYUSH RAJENDRA TAREKAR	12
3	ABHISHEK SANJAY THOKAL	11
4	ADITYA KAILAS MANE	18
5	AISHWARYA NAMDEV LATKAR	20
6	AKANKSHA AJAYKUMAR SHENDE	25
7	ALKESH ARUN MAHAMUNE	26
8	ANSH MOHAN PIMPLE	28
9	ANSHU GUNWANT YEKUDE	22
10	ANUJA VILAS ZADE	21
11	ANUPAM RAKESH PANDEY	30
12	ANURAG GANESH MASRAM	25
13	ANURAG RAJESH WASNIK	28
14	ARCHANA TEJRAM SHARNAGATE	27
15	AYUSH BABAN PAWAR	24
16	AYUSH RAJESH DUBEY	15

17	CHETNA SUNIL HEDAU	11
18	DARSHAN SUDESH KAMBLE	15
19	DEVASHISH SANTOSHKUMAR TEMBHARE	19
20	EKNATH VIJAY KAPSE	20
21	GAURAV LAXMICHAND RAHANGDALE	21
22	HARSH ASHISH KSHIRSAGAR	23
23	HARSH HARISH GAIKWAD	24
24	HARSHAL RAJU DAF	25
25	HARSHALI ASHOK TAKALKHEDE	18
26	HIMANSHU YASHWANT GAIDHANE	12
27	ISHWESHWARI RAJENDRA THAKRE	11
28	KAJAL ASHOK UMARE	18
29	KALASH SUKRAM GONDHULE	20
30	KARINA PARASRAM ATRAHE	25
31	KARTAVYA PRAKASH BADGE	26
32	KARTIK SUDHAKAR BAMBAL	28
33	KHUSHEE UDELAL PARDHI	22
34	KHUSHI ASHOK GHATE	21
35	KHUSHI MANOJ BHAGAT	23
36	KOMAL KAILASH PATIYE	25
37	KRUNAL AJAY KUHITE	28
38	LEENA MURLIDHAR YENKAR	27
39	MAHIMA RAJENDRA BHASMOTE	24
40	MAI RAMDAS BANSOD	15
41	MANAS SHAILENDRA KOKATE	11
42	MOIN ABDUL WAHID KHAN	15
43	MUGHEES UR SHAFIQR RAHMAN ANSARI	19
44	MUSHFIQUE MEHBOOB ALI	20
45	NAMRATA PRAMOD THAWARE	21
46	NANDINI PRAVINSINGH SURYAWANSHI	23
47	NANDINI VIJAYRAO KHANDARE	24

48	NAYANI SUNIL BORKAR	25
49	NEHA VIJAY VAIDYA	18
50	NIDHI KOMAL CHANDEL	12
51	NIKITA SATISH WARATKAR	11
52	NILESH HIRJI SHAHARE	18
53	NISARGA SANJAY HADKE	20
54	NITESH NEHARULAL PATRE	25
55	OM PANKAJ THORAT	26
56	PAWAN HOMRAJ SATPUTE	28
57	PAWANKUMAR RAMKISHOR GOKHE	22
58	PAYAL JAYENDRA AMBULE	21
59	PIYUSH CHANDRAMANI KHANDEKAR	23
60	PRACHI DNYANESHWAR BARDE	25
61	PRACHI MAHESH HULKE	28
62	PRAJWAL ASHOKRAO CHAUDHARI	27
63	PRANALI PRABHAKAR NAGPURE	24
64	PRANAY VAISRAJ GEDAM	15
65	PRANJAL RAJESH AMBULKAR	11
66	PRANJALI CHANDRAKANT KATRE	15
67	PRASHANT KISANAJI HIRUDKAR	19
68	PRATHMESH SHRAWAN ZADE	20
69	PRATIK TULSHIRAM BHUJADE	21
70	PRITI BIJENDRA PANDEY	23
71	PUJAN SANJAY SHAHARE	24
72	PUSHPAK ANIL TAMBULKAR	25
73	RAJNI MANOJRAO PISE	18
74	REHAN SHAHEJAD FARUKI	12
75	RISHITA ASHOK RAUT	11
76	RUCHIKA SHANKAR MESHRAM	18
77	RUPESH RAJENDRA GHUMARE	20
78	SAGAR SUNIL KALBANDHE	25



79	SAHIL GANESH BHEDE	26
80	SAHIL RAVINDRA CHOUDHARI	28
81	SAMIKSHA NARENDRA NAKSHANE	22
82	SAMIKSHA PRAKASH DUPARE	21
83	SANCHALI RAMKRUSHNA DHOTE	23
84	SANJANA VINOD WELE	25
85	SANKET KISHOR TIKHADE	28
86	SARANG NARENDRA BURDE	27
87	SARVESH RAMESH SAHARE	24
88	SAURABH GANESH GAIKWAD	15
89	SAYYAM SHYAMKUMAR CHICKHEDE	11
90	SHARDUL SUDHIR GARADE	15
91	SHIVAM RAMESH NACHANKAR	19
92	SHRAVANI VINOD DESHMUKH	20
93	SHREYA LAHU WAGH	21
94	SHRUSTI RAJESH RAMTEKE	23
95	SHWETA BALKRUSHNA BADKHAL	24
96	SIDDHESH SUBHASH GUHE	25
97	SNEHA SANDIP WASNIK	18
98	SNEHAL RAVINDRA RAJGE	12
99	TANMAY PREMGOPAL MALGHATE	11
100	TANUSHREE RAM JAULKAR	18
101	TANUSHREE REVNATH KOLHEKAR	20
102	TANVI DINESH TURKAR	25
103	TANVI RAJEEV DEDHE	26
104	TEJAS DNYANESHWAR WANKHEDE	28
105	TEJASWINI PUNDLIK YEKUDE	22
106	TRINKAL SANJAY DHALE	21
107	TRUPTI ASHOK PATLE	23
108	TULSI UMAKANT MALGHATE	25
109	TUSHAR BHAUJI BAGADE	28

110	VAIBHAVI CHANDRASHEKHAR MESHRAM	27
111	VAIBHAVI DHANPAL PATLE	24
112	VAISHALI MADHUKAR CHAUDHARI	15
113	VAISHNAVI SUNIL GAIKWAD	11
114	VAISHNAVI VINOD MAHAKALKAR	15
115	VANSHIKA ARUN KHANDATE	19
116	VIKAS NAMDEO SANAP	20
117	YASH NARESH SONBARSE	21
118	YASH PRAVIN KHARABE	23
119	YASHASHREE RAMESHRAO PADWE	24
120	Shlok Yadav	22
121	Anurag Mishra	21



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S. S. S. Am's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2023-2024**  
**Bachelor of Computer Application (B.C.A) (Semester-IV)**  
**Operation Resarch-II, Paper-IV**  
**UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30]

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- |   |   |
|---|---|
| 1.Explain Game theory with its assumption.      | 5 |
| 2.What is Queing Theory?Explain                 | 5 |
| 3.Write the application of game theory          | 5 |
| 4. Explain the graphical method for $2*n$ games | 5 |

**UNIT-IV**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1.Define Event, activity, looping, Dangling.                         | 5 |
| 2. Explain Different time estimates made for each activity for PERT. | 5 |
| 3.State the difference between CPM and PERT                          | 5 |
| 4.Write down the rules for network construction.                     | 5 |



**Signature of the Teacher**



**Head**

**Department of Computer Science**



Professor & Head  
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S.S.E.S. Am's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2021-2022**  
**Bachelor of Computer Application (B.C.A) (Semester-IV)**  
**Sub-Webtechnology-II**  
**Result of Unit Test Held on 10-2-22**  
**UNIT TEST on Unit I ,UNIT-II**

Name of Teacher-Manisha Kongre

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30 UNIT-I&amp;UNIT-II</b>
1	AHMAD UMMENAHEDIA SHAKEEL	18
2	AKARTE JAYESH VISHWAMBHAR	12
3	ATKARE ARTH HARIDAS	AB
4	BADGE LAXMI MOHAN	11
5	BAGHELE ABHAY KAPURCHAND	20
6	BALBUDDHE RAJJAT SANJAY	22
7	BANDEBUCHE SALONI SUNIL	AB
8	BARAI PARITOSH PRAKASH	26
9	BIREWAR SRUSHTI MAHESH	AB
10	BOBADE HARSHADA VILAS	11
11	CHAMBHARE AYUSH RAMESH	13
12	CHANAP CHANCHAL ANIL	20
13	CHAUHAN RIYA SANJAY	27
14	CHINTALWAR ROHAN MAHESH	27
15	CHIPLUNKAR YASHSHREE VIDYADHAR	AB
16	CHITLANGE DHANSHRI VIJAYKUMAR	12
17	DAHIWALE YASH MANOHAR	13
18	DEOGHARE HIMANSHU KRUSHANARAO	13
19	DEOGHARE SASHANT DINANATH	12
20	DESHPANDE RENUKA PADMANABH	AB
21	DEULKAR SHREYASH SUNIL	20
22	DHAGE OMKAR SUNIL	12
23	DHARNEDHAR PRAJWAL SUNIL	12
24	DUMRE SAKSHI UMESH	5
25	DURYODHAN PRATHAM BHARAT	23

26	FULKAR MOHIT HARIBHAU	27
27	GAIKWAD NISARGA BHUSHAN	28
28	GAIKWAD PRAJWAL HIMMAT	10
29	GOUR AAYSUH RUPLAL	13
30	GOUR ANISH MANISH	14
31	GOUR VAISHNAVI KAILASH	15
32	GUJAR SUYOG YOGESH	17
33	JADHAO YASH DIPAK	19
34	JAYSWAL TANU SANJAY	13
35	JOGI DARSHAN SUNIL	22
36	KAITHWAS NAVIN RAVI	23
37	KALBANDE PRACHI ARVIND	25
38	KALODE VAIBHAVI VIJAY	26
39	KANOJIYA RAHUL NARAYAN	AB
40	KARANGALE DEVYANI SANJAY	13
41	KATHE MITALI RAMESH	16
42	KAWADE AYUSHI ARUN	16
43	KHADSE CHETAN GUNWANTRAO	17
44	KHAIRKAR SOVIT SANJAY	AB
45	KHAN MOHD. JUBAIR AMRULLAH HASAN	AB
46	KHANDARE RAJ DNYANESHWAR	23
47	KHANDELWAL ARCHI ASHOK	22
48	KHANKE YASH VINOD	25
49	KHANORE RIYA SANJAY	23
50	KHAPARDE SHANTANU PRUTHVIRAJ	22
51	KHAVASKAR ARPITA GOVIND	26
52	KHEDIKAR YASH VIJAY	27
53	KHORGADDE SARIKA	24
54	KOCHARE ADITYA VINAYAK	22
55	KOKALE POONAM BHIMRAO	26
56	MADAVI TRUPTI GAJANAN	26
57	MAHAJAN SAMIKSHA RAMESH	27

58	MAHALLE SAKSHI ANIL	28
59	MALEWARAAKANSHA MANIK	29
60	MANAPURE PRANAV SANJAY	23
61	MANDIYE MANSURI ARVIND	11
62	MANWATKAR AMAN BANDU	12
63	MARWADE SHASHANK NARESH	14
64	MASALKAR ANUJA VILAS	15
65	MASKE RISHABH VIKAS	16
66	MATE SAHIL KISHOR	16
67	MENDHE KALYANI SUDHAKAR	AB
68	MOHARLE SUKANYA BALKRUSHNA	18
69	MOKADDAM SHUBHAM NARAYANRAO	18
70	MORGHADDE AMAN DILIP	13
71	NAGESHWAR ADITYA SANDEEP	21
72	NAGPURE DEVKUMAR GANESH	22
73	PAITHANE SHIVANSH GANESH	24
74	PARATE HARSH MANIK	25
75	PARCHAND ADITYA SUDHAKAR	26
76	PATHAN SHADAB SHAKIL KHAN	23
77	PATHAN AYAS JAHID	22
78	PATIL SEJAL VIJAY	12
79	PAUNIKAR PRATHAM PRASHANT	14
80	POUNIKAR ANKUSH CHANDAN	15
81	RAHANGDALE LAXMI RAJESHKUMAR	16
82	RAIKWAR YASH MILIND	15
83	RAUT BHAVIKA ANIL	18
84	SADANPAWAR PRANAY SANJAY	19
85	SAKHARE PRAJWAL NITIN	20
86	SAKHARKAR MADHAV SUNIL	22
87	SAKHARKAR PUSHPAK GANESH	22
88	SAMARTH POOJA TARACHAND	23
89	SAPATE RITIK GAJANAN	24

90	SHAHU SEJAL ASHUTOSH	26
91	SHARMA GULSHAN KUMAR PREM	AB
92	SHENDE SUCHIT VIVEK	12
93	SHENDRE NIKITA UMESH	23
94	SHIVANKAR SHRUTI JAYANT	11
95	SHIWANKAR MINAKSHI DHANVANT	22
96	SINGADE DIPALI GANGADHAR	22
97	SINGH SHRUTI ABHAY	23
98	SURUSHE SANCHIT HARISH	24
99	SURYAWANSHI SNEHAL RATAN	AB
100	THAKARE BHAIRAVI GAJANAN	22
101	THAKRE HIMDEVI SANJAY	12
102	THOSAR PRATIK VINODRAO	11
103	TULAVI SURAJ RAOJI	18
104	TURKAR KUMUD SUBHASH	20
105	VAIDYA KALYANI SUKHADEO	AB
106	VERMA SHRUTI MANOJ	26
107	WAGHMARE AYUSH SHIVAJI	28

*Wagmare*

**Signature of the Teacher**

*[Handwritten Signature]*

**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S.S.E.S. Am's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-IV)  
Paper- V  
WEB-TECHNOLOGY-II  
UNIT TEST on Unit I - II**

[ Time: 45 min.]

[Maximum Marks: 30

**Q.1 UNIT-I**

**Solve Any Three**

- A. Explain JSP lifecycles in detail. [05]  
B. Explain Date object and Math object used in JSP. [05]  
C. Write a program to insert an image in JSP [05]  
D. Explain string object in Javascript. Also explain any two functions of it [05]

**Q.2 UNIT-II**

**Solve Any Three**

- A. What is exception ? Write a program for exception handling in JSP [05]  
B. What is Scriptlet ? Explain scriptlet tag in detail.. [05]  
C. Explain JSP object scope in detail. [05]  
D. What is Scriptlet ? Explain scriptlet tag in detail [05]



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
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S.S.E.S. Am's Science College,  
Congress Nagar, Nagpur



**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2021-2022**  
**Bachelor of Computer Application (B.C.A) (Semester-IV)**  
**Sub-Webtechnology-II**  
**Result of Unit Test Held on 21-4-22**  
**UNIT TEST on Unit I ,UNIT-II**

Name of Teacher-Manisha Kongre

Sr. No.	Name	Marks out of 30
1	AHMAD UMMENAHEDIA SHAKEEL	18
2	AKARTE JAYESH VISHWAMBHAR	12
3	ATKARE ARTH HARIDAS	AB
4	BADGE LAXMI MOHAN	18
5	BAGHELE ABHAY KAPURCHAND	20
6	BALBUDDHE RAJJAT SANJAY	22
7	BANDEBUCHE SALONI SUNIL	AB
8	BARAI PARITOSH PRAKASH	26
9	BIREWAR SRUSHTI MAHESH	AB
10	BOBADE HARSHADA VILAS	21
11	CHAMBHARE AYUSH RAMESH	13
12	CHANAP CHANCHAL ANIL	28
13	CHAUHAN RIYA SANJAY	27
14	CHINTALWAR ROHAN MAHESH	27
15	CHIPLUNKAR YASHSHREE VIDYADHAR	AB
16	CHITLANGE DHANSHRI VIJAYKUMAR	12
17	DAHIWALE YASH MANOHAR	15
18	DEOGHARE HIMANSHU KRUSHANARAO	13
19	DEOGHARE SASHANT DINANATH	17
20	DESHPANDE RENUKA PADMANABH	AB
21	DEULKAR SHREYASH SUNIL	20
22	DHAGE OMKAR SUNIL	23
23	DHARNEDHAR PRAJWAL SUNIL	12
24	DUMRE SAKSHI UMESH	24
25	DURYODHAN PRATHAM BHARAT	23

26	FULKAR MOHIT HARIBHAU	27
27	GAIKWAD NISARGA BHUSHAN	28
28	GAIKWAD PRAJWAL HIMMAT	11
29	GOUR AAYSUH RUPLAL	13
30	GOUR ANISH MANISH	14
31	GOUR VAISHNAVI KAILASH	15
32	GUJAR SUYOG YOGESH	17
33	JADHAO YASH DIPAK	19
34	JAYSWAL TANU SANJAY	13
35	JOGI DARSHAN SUNIL	22
36	KAITHWAS NAVIN RAVI	23
37	KALBANDE PRACHI ARVIND	25
38	KALODE VAIBHAVI VIJAY	26
39	KANOJIYA RAHUL NARAYAN	AB
40	KARANGALE DEVYANI SANJAY	13
41	KATHE MITALI RAMESH	16
42	KAWADE AYUSHI ARUN	16
43	KHADSE CHETAN GUNWANTRAO	17
44	KHAIRKAR SOVIT SANJAY	AB
45	KHAN MOHD. JUBAIR AMRULLAH HASAN	AB
46	KHANDARE RAJ DNYANESHWAR	23
47	KHANDELWAL ARCHI ASHOK	22
48	KHANKE YASH VINOD	25
49	KHANORE RIYA SANJAY	23
50	KHAPARDE SHANTANU PRUTHVIRAJ	22
51	KHAVASKAR ARPITA GOVIND	26
52	KHEDIKAR YASH VIJAY	27
53	KHORGADE SARIKA	24
54	KOCHARE ADITYA VINAYAK	22
55	KOKALE POONAM BHIMRAO	26
56	MADAVI TRUPTI GAJANAN	26
57	MAHAJAN SAMIKSHA RAMESH	27

58	MAHALLE SAKSHI ANIL	28
59	MALEWARAAKANSHA MANIK	29
60	MANAPURE PRANAV SANJAY	23
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63	MARWADE SHASHANK NARESH	14
64	MASALKAR ANUJA VILAS	15
65	MASKE RISHABH VIKAS	16
66	MATE SAHIL KISHOR	16
67	MENDHE KALYANI SUDHAKAR	AB
68	MOHARLE SUKANYA BALKRUSHNA	18
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73	PAITHANE SHIVANSH GANESH	24
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81	RAHANGDALE LAXMI RAJESHKUMAR	16
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85	SAKHARE PRAJWAL NITIN	20
86	SAKHARKAR MADHAV SUNIL	22
87	SAKHARKAR PUSHPAK GANESH	22
88	SAMARTH POOJA TARACHAND	23
89	SAPATE RITIK GAJANAN	24

90	SHAHU SEJAL ASHUTOSH	26
91	SHARMA GULSHAN KUMAR PREM	AB
92	SHENDE SUCHIT VIVEK	12
93	SHENDRE NIKITA UMESH	23
94	SHIVANKAR SHRUTI JAYANT	11
95	SHIWANKAR MINAKSHI DHANVANT	22
96	SINGADE DIPALI GANGADHAR	22
97	SINGH SHRUTI ABHAY	23
98	SURUSHE SANCHIT HARISH	24
99	SURYAWANSHI SNEHAL RATAN	AB
100	THAKARE BHAIRAVI GAJANAN	22
101	THAKRE HIMDEVI SANJAY	12
102	THOSAR PRATIK VINODRAO	11
103	TULAVI SURAJ RAOJI	18
104	TURKAR KUMUD SUBHASH	20
105	VAIDYA KALYANI SUKHADEO	AB
106	VERMA SHRUTI MANOJ	26
107	WAGHMARE AYUSH SHIVAJI	28

*Mkandare*

**Signature of the Teacher**

*[Handwritten Signature]*

**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S.S.E.S. Am's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-IV)  
Paper- V  
WEB-TECHNOLOGY-II  
UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30

**Q.1 UNIT-III**

**Solve Any Three**

- A. Write a program to sort 10 elements by using VB Script. [05]
- B. Explain subroutines and functions in VB Script. [05]
- C. Write a program in VB Script to find largest among three numbers. [05]
- D. Write a program to sort 10 elements by using VB Script. [05]

**Q.2 UNIT-IV**

**Solve Any Three**

- A. Explain Simple Object Access Protocol (SOAP) web services in detail. [05]
- B. Explain representation state transfer based web services [05]
- C. Differentiate between SOAP and REST [05]
- D. Explain REpresentation State Transfer (REST) based Web Services [05]



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S. S. E. S. Am's Science College,  
Congress Nagar, Nagpur



**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**Department of Computer Science  
BCA II Semester-III (2021-22)  
DIGITAL ELECTRONICS—II Paper—VI**

**Result of Unit Test held on 05/03/2022 on Unit I & Unit II  
Name of the teacher: Amruta J.Thakur**

S.N	Name of Students	Marks Out of 30 Unit 1 and 2
1.	AHMAD UMMENAHEDIA SHAKEEL	22
2.	AKARTE JAYESH VISHWAMBHAR	12
3.	ATKARE ARTH HARIDAS	AA
4.	BADGE LAXMI MOHAN	00
5.	BAGHELE ABHAY KAPURCHAND	03
6.	BALBUDDHE RAJJAT SANJAY	03
7.	BANDEBUCHER SALONI SUNIL	11
8.	BARAI PARITOSH PRAKASH	16
9.	BIREWAR SRUSHTI MAHESH	17
10.	BOBADE HARSHADA VILAS	09
11.	CHAMBHARE AYUSH RAMESH	19
12.	CHANAP CHANCHAL ANIL	15
13.	CHAUHAN RIYA SANJAY	01
14.	CHINTALWAR ROHAN MAHESH	07
15.	CHIPLUNKAR YASHSHREE VIDYADHAR	AA
16.	CHITLANGE DHANSHRI VIJAYKUMAR	AA
17.	DAHIWALE YASH MANOHAR	AA
18.	DEOGHARE HIMANSHU KRUSHANARAO	09
19.	DEOGHARE SASHANT DINANATH	15
20.	DESHPANDE RENUKA PADMANABH	01
21.	DEULKAR SHREYASH SUNIL	07
22.	DHAGE OMKAR SUNIL	AA
23.	DHARNEDHAR PRAJWAL SUNIL	AA
24.	DUMRE SAKSHI UMESH	AA
25.	DURYODHAN PRATHAM BHARAT	09
26.	FULKAR MOHIT HARIBHAU	12
27.	GAIKWAD NISARGA BHUSHAN	13
28.	GAIKWAD PRAJWAL HIMMAT	11
29.	GOUR AAYSUHU RUPLAL	18
30.	GOUR ANISH MANISH	17
31.	GOUR VAISHNAVI KAILASH	19
32.	GUJAR SUYOG YOGESH	12

33.	JADHAO YASH DIPAK	14
34.	JAYSWAL TANU SANJAY	15
35.	JOGI DARSHAN SUNIL	10
36.	KAITHWAS NAVIN RAVI	AA
37.	KALBANDE PRACHI ARVIND	17
38.	KALODE VAIBHAVI VIJAY	18
39.	KANOJIYA RAHUL NARAYAN	22
40.	KARANGALE DEVYANI SANJAY	21
41.	KATHE MITALI RAMESH	15
42.	KAWADE AYUSHI ARUN	14
43.	KHADSE CHETAN GUNWANTRAO	12
44.	KHAIRKAR SOVIT SANJAY	13
45.	KHAN MOHD. JUBAIR AMRULLAH HASAN	11
46.	KHANDARE RAJ DNYANESHWAR	18
47.	KHANDELWAL ARCHI ASHOK	17
48.	KHANKE YASH VINOD	19
49.	KHANORE RIYA SANJAY	12
50.	KHAPARDE SHANTANU PRUTHVIRAJ	14
51.	KHAVASKAR ARPITA GOVIND	15
52.	KHEDIKAR YASH VIJAY	10
53.	KHORGADE SARIKA	AA
54.	KOCHARE ADITYA VINAYAK	17
55.	KOKALE POONAM BHIMRAO	18
56.	MADAVI TRUPTI GAJANAN	22
57.	MAHAJAN SAMIKSHA RAMESH	21
58.	MAHALLE SAKSHI ANIL	15
59.	MALEWARAAKANSHA MANIK	14
60.	MANAPURE PRANAV SANJAY	12
61.	MANDIYE MANSHRI ARVIND	13
62.	MANWATKAR AMAN BANDU	11
63.	MARWADE SHASHANK NARESH	18
64.	MASALKAR ANUJA VILAS	17
65.	MASKE RISHABH VIKAS	19
66.	MATE SAHIL KISHOR	12
67.	MENDHE KALYANI SUDHAKAR	14
68.	MOHARLE SUKANYA BALKRUSHNA	15
69.	MOKADDAM SHUBHAM NARAYANRAO	10
70.	MORGHADE AMAN DILIP	AA
71.	NAGESHWAR ADITYA SANDEEP	17
72.	NAGPURE DEVKUMAR GANESH	18
73.	PAITHANE SHIVANSH GANESH	22
74.	PARATE HARSH MANIK	21
75.	PARCHAND ADITYA SUDHAKAR	15
76.	PATHAN SHADAB SHAKIL KHAN	14



77.	PATHAN AYAS JAHID	22
78.	PATIL SEJAL VIJAY	12
79.	PAUNIKAR PRATHAM PRASHANT	AA
80.	POUNIKAR ANKUSH CHANDAN	00
81.	RAHANGDALE LAXMI RAJESHKUMAR	03
82.	RAIKWAR YASH MILIND	03
83.	RAUT BHAVIKA ANIL	11
84.	SADANPAWAR PRANAY SANJAY	16
85.	SAKHARE PRAJWAL NITIN	17
86.	SAKHARKAR MADHAV SUNIL	09
87.	SAKHARKAR PUSHPAK GANESH	22
88.	SAMARTH POOJA TARACHAND	12
89.	SAPATE RITIK GAJANAN	AA
90.	SHAHU SEJAL ASHUTOSH	00
91.	SHARMA GULSHAN KUMAR PREM	03
92.	SHENDE SUCHIT VIVEK	03
93.	SHENDRE NIKITA UMESH	11
94.	SHIVANKAR SHRUTI JAYANT	16
95.	SHIWANKAR MINAKSHI DHANVANT	17
96.	SINGADE DIPALI GANGADHAR	09
97.	SINGH SHRUTI ABHAY	22
98.	SURUSHE SANCHIT HARISH	12
99.	SURYAWANSHI SNEHAL RATAN	AA
100.	THAKARE BHAIRAVI GAJANAN	00
101.	THAKRE HIMDEVI SANJAY	03
102.	THOSAR PRATIK VINODRAO	03
103.	TULAVI SURAJ RAOJI	11
104.	TURKAR KUMUD SUBHASH	16
105.	VAIDYA KALYANI SUKHADEO	17
106.	VERMA SHRUTI MANOJ	09
107.	WAGHMARE AYUSH SHIVAJI	01
108.	WATH ANUSHREE PRABIN	03
109.	YADAV AANCHAL ASHWANI	14
110.	ZADE AYUSH HEMANT	22
111.	ZADE HARSHADA HANSRAJ	16
112.	ZODAPE PREYAS RAJENDRA	11

**Signature of the Teacher**

**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S.S.E. Am's Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
BCA II Semester-III  
DIGITAL ELECTRONICS—II Paper—V  
UNIT TEST on Unit I & Unit II**

Time: 45 min

[Maximum Marks: 30]

**1. Solve any three questions:**

- (a) What is Adder ? Explain the construction and working of full Adder circuit using Logic gates.      5
- (b) Draw logic diagram for 4:1 multiplexer using gates and explain its truth table.  
5
- (c) What is parallel Adder ? Explain the construction and working of 4-bit binary Adder circuit.  
5
- (d) What is decoder ? Explain the construction and working of 2:4 decoder with logic gates.  
5

**2. Solve any three questions:**

- (a) Explain the construction and working of 4-bit up-counter with its timing diagram.  
5
- (b) What is Flip-Flop ? Explain the construction and working of Clocked RS-FF using NAND gates.      5
- (c) What is counter ? Explain the construction and working of 3-bit down counter.  
5
- (d) What is modulus of counter ? Explain decode counter in brief.  
5



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
S.S.E.S. Amravati Science College,  
Congress Nagar, Nagpur

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**Department of Computer Science  
BCA II Semester-III (2021-22)  
DIGITAL ELECTRONICS—II Paper—VI**

**Result of Unit Test held on 25/04/2022 on Unit III & Unit IV  
Name of the teacher: Amruta J.Thakur**

S.N.	Name of Students	Marks Out of 30
1.	AHMAD UMMENAHEDIA SHAKEEL	AA
2.	AKARTE JAYESH VISHWAMBHAR	10
3.	ATKARE ARTH HARIDAS	AA
4.	BADGE LAXMI MOHAN	06
5.	BAGHELE ABHAY KAPURCHAND	23
6.	BALBUDDHE RAJJAT SANJAY	12
7.	BANDEBUCHE SALONI SUNIL	17
8.	BARAI PARITOSH PRAKASH	16
9.	BIREWAR SRUSHTI MAHESH	17
10.	BOBADE HARSHADA VILAS	9
11.	CHAMBHARE AYUSH RAMESH	19
12.	CHANAP CHANCHAL ANIL	15
13.	CHAUHAN RIYA SANJAY	1
14.	CHINTALWAR ROHAN MAHESH	7
15.	CHIPLUNKAR YASHSHREE VIDYADHAR	AA
16.	CHITLANGE DHANSHRI VIJAYKUMAR	AA
17.	DAHIWALE YASH MANOHAR	AA
18.	DEOGHARE HIMANSHU KRUSHANARAO	9

19.	DEOGHARE SASHANT DINANATH	15
20.	DESHPANDE RENUKA PADMANABH	1
21.	DEULKAR SHREYASH SUNIL	7
22.	DHAGE OMKAR SUNIL	AA
23.	DHARNEDHAR PRAJWAL SUNIL	AA
24.	DUMRE SAKSHI UMESH	AA
25.	DURYODHAN PRATHAM BHARAT	9
26.	FULKAR MOHIT HARIBHAU	12
27.	GAIKWAD NISARGA BHUSHAN	13
28.	GAIKWAD PRAJWAL HIMMAT	11
29.	GOUR AAYSUH RUPLAL	18
30.	GOUR ANISH MANISH	17
31.	GOUR VAISHNAVI KAILASH	19
32.	GUJAR SUYOG YOGESH	12
33.	JADHAO YASH DIPAK	14
34.	JAYSWAL TANU SANJAY	15
35.	JOGI DARSHAN SUNIL	10
36.	KAITHWAS NAVIN RAVI	AA
37.	KALBANDE PRACHI ARVIND	17
38.	KALODE VAIBHAVI VIJAY	18
39.	KANOJIYA RAHUL NARAYAN	22
40.	KARANGALE DEVYANI SANJAY	25
41.	KATHE MITALI RAMESH	15
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77.	PATHAN AYAS JAHID	22
78.	PATIL SEJAL VIJAY	12
79.	PAUNIKAR PRATHAM PRASHANT	AA
80.	POUNIKAR ANKUSH CHANDAN	0
81.	RAHANGDALE LAXMI RAJESHKUMAR	3
82.	RAIKWAR YASH MILIND	3
83.	RAUT BHAVIKA ANIL	11
84.	SADANPAWAR PRANAY SANJAY	16
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89.	SAPATE RITIK GAJANAN	AA
90.	SHAHU SEJAL ASHUTOSH	0
91.	SHARMA GULSHAN KUMAR PREM	3

92.	SHENDE SUCHIT VIVEK	3
93.	SHENDRE NIKITA UMESH	11
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99.	SURYAWANSHI SNEHAL RATAN	AA
100.	THAKARE BHAIRAVI GAJANAN	0
101.	THAKRE HIMDEVI SANJAY	3
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Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
BCA II Semester-III  
DIGITAL ELECTRONICS—II  
UNIT TEST on Unit III & Unit IV**

Time: 45 min

[Maximum Marks: 30]

**1. Solve any three questions:**

- (a) What is Addressing Mode ? Explain any two addressing modes of 8086 mp with suitable examples. 5
- (b) What is flag ? Explain flag register of 8086 mp in detail. 5
- (c) Explain the function of following pins of 8086 microprocessor : (i) ALE (ii) READY (iii) TEST. 5
- (d) Explain the general purpose registers in 8086. 5

**2. Solve any three questions:**

- (a) What are the different Arithmetic group instructions available in 8086 mp ? Explain any two arithmetical group instructions with example. 5
- (b) Write an ALP using instructions of 8086 mp to find an Average of an array containing five 8 bit numbers. 5
- (c) What is Assembler directives ? Explain any two assembler directives in detail. 5
- (d) Write an ALP to find factorial of given 8-bit number. 5



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