

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

**Bachelor of Computer Application  
B.C.A. II Semester-IV (2020-21)**

**Software Engineering Paper-I**

**Result of Unit Test held on 13/04/2020 on Unit I & II**

**Name of the teacher: Puja Dadhe**

Sr. No.	Name of the Students	Marks out of 30
1	Aakansha Gajanan Thakare	21
2	Aarti Shivram Tiwari	28
3	Aayush Vinod Satpute	24
4	Abhishek Rajendra Bangre	13
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**Signature of the Teacher**



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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 2020-2021  
B.C.A. II Semester-IV (2020-21)  
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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**Software Engineering Paper-I**

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

**Academic Session (2020-2023)**

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

**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
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**UNIT IV**

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.  
BCA II Semester-IV (2020-21)  
SUBJECT: SQL and PL/SQL (Paper-II)  
Result of Unit Test held on 15/03/2021 on  
Unit I and UNIT II**

Name of the teacher: P. M. Dadhe

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
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81.	PRASADVINAYNIRALE	16
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83.	PRATHMESH RAHULKURUMKAR	25

84.	PRATIKMANOJNETKE	19
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93.	SAHILVIJAYBURDE	20
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95.	SHASHWAT HARIBHAU SHINDE	13
96.	SHREYASHKAMLESH RAWAT	18
97.	SHREYASH UMAKANTURKUDE	9
98.	SHUBHAM MADHUKAR KALBANDE	26
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Science College, Congress Nagar, Nagpur  
Academic Session 2020-2021  
Bachelor of computer Application (BCA) (Semester-IV)  
Paper-I I  
(SUBJECT PL- SQL)

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 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  
OR (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. 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 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 number. 5



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64.	CHAITANYA SHYAM VIBHUTE	23
65.	DIGVIJAY SANJAY RAODAHIKAR	aa
66.	HARSHSUDEEP VISHWAKARMA	26
67.	HARSHALN ASAMPELLI	20
68.	HIMANSHUKESHAVSUMBEKAR	23
69.	HIMANSHUSURESHBADRE	16
70.	ISHANTVASANTASONTAKKE	22
71.	JAGDISHBALAJIMORE	21
72.	KAUSHIKBHARATBORKUTE	25
73.	KHUSHALSANJAYGOJE	14
74.	KUNALMAHESHKAUSHIK	17
75.	LALITMADHAV SHETE	26
76.	MANISHHEMRAJKHAIRKAR	22
77.	MOHITVIJAYKASHYAP	20
78.	NISHANTSANDIP ITANKAR	18
79.	PAVANN.PANDRANGI	10
80.	PIYUSHPANDURANGGHATE	17
81.	PRASADVINAYNIRALE	16
82.	PRATHAMESH DHARMADHIKARI	25
83.	PRATHMESH RAHULKURUMKAR	25
84.	PRATIKMANOJNETKE	19

85.	PRAYANKANILLANJEWAR	9
86.	RAHULVBODHANKAR	20
87.	RAJNIKANT RADHESHYAM PARATE	8
88.	RITESH PRADEEP DAFALE	22
89.	RITIKBALESH KAKDE	14
90.	RUPAMTEKRAM KATRE	13
91.	RUTVIK ATULSARAF	13
92.	SAFDAR AKBAR ALI	21
93.	SAHIL VIJAYBURDE	20
94.	SARVESH NANAJISANGOLKAR	11
95.	SHASHWAT HARIBHAU SHINDE	aa
96.	SHREYASH KAMLESH RAWAT	18
97.	SHREYASH UMAKANTURKUDE	9
98.	SHUBHAM MADHUKAR KALBANDE	26
99.	SHUBHAM MATSYENDRATIWARI	26
100.	SHUBHAM NAMDEO RAMTEKE	20
101.	SURAJ PANDHARIKHAMANKAR	12
102.	SWAPNIL SANJAY PARKHI	26
103.	TANMAY SUNIL KHEDIKAR	14
104.	TANOJKHUSHILAL BAGHELE	25
105.	TEJASSHESHRAO THAKRE	26
106.	TEJAS TARESH SAKHARKAR	17
107.	VEDANTAJAYDEORANKAR	15
108.	VINAYDILIP BISANE	12
109.	VIPULHOLENDRABISEN	aa
110.	VIRAJGANPATMASULKAR	10
111.	VISHALKUNJILALPARDHI	19
112.	VISHRUTGANESH BHOYAR	20
113.	VIVEK MULCHAND KUKADE	20
114.	YASH SUDHAKARBOBADE	23

115.	YASHSUNILSEWATKAR	18
116.	YASH VASANTAGOMKALE	14
117.	YASHVIJAYRAOGOMASE	22
118.	YASHYUVRAJATKARE	20
119.	YOGESHPRABHAKARMESHAM	10



**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 2020-2021  
Bachelor of computer Application (BCA) (Semester-IV)  
Paper-I I  
(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 (2020-21)**

**Theory of Computation**

**Paper-III**

**Result of Unit Test held on 07/04/2021 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	Aakansha Gajanan Thakare	18
2	Aarti Shivram Tiwari	26
3	Aayush Vinod Satpute	19
4	Abhishek Rajendra Bangre	AB
5	Achal Kiran Kharabe	AB
6	Ajit Dasaram Shende	14
7	Alok Kuwarlal Jamaiwar	12
8	Aman Mukesh Raut	16
9	Anurag Rajesh Ganjare	8
10	Anushka Anil Shivanand	28
11	Arya Vipin Vairagare	14
12	Asang Purvesh Nandeshwar	23
13	Atharva L. Ambekar	18
14	Atharva Subhash Gaurihar	20
15	Avinash Sanjayrao Thakare	AB
16	Ayush Nandesh Dhakne	24
17	Batul Mufazzal Fidvi	5
18	Bharat Manohar Kamble	28
19	Bhedika Sanjay Gotaphode	18
20	Chaitanya Shyam Vibhute	18
21	Deepali Sunil Choudhari	12
22	Dhanashree M. Bhatgare	14
23	Dhanashri Sanjay Hulkey	21
24	Dhanshree G Pawade	19
25	Digvijay Sanjay Rao Dahikar	26
26	Diksha Nandkishor Manekar	20
27	Divya Sudhakar Pawar	23
28	Divya Bhumeshtar Katre	21
29	Gauri Induram Wanare	11
30	Harsh S. Vishwakarma	27
31	Harshal N Asampelli	AB
32	Harshali Sambhaji Kale	19
33	Himanshu Suresh Badre	19
34	Ishant Vasanta Sontakke	AB
35	Jagdish Balaji More	18



36	Kaushik Bharat Borkute	8
37	Khushal Sanjay Goje	13
38	Kirti Omrao Tulshikar	15
39	Kunal Mahesh Kaushik	25
40	Lalit Madhav Shete	AB
41	Manish Hemraj Khairkar	AB
42	Mitali Ajay Bonde	9
43	Mohit Vijay Kashyap	26
44	Mokshada R. Dapewar	28
45	Nayanshree Deepak Daf	9
46	Nikita Manoj Gadve	20
47	Nishant Sandip Itankar	5
48	Nishtha Rakesh Martha	21
49	Nurjahan Shaukat Ali	28
50	Pavan N. Pandrangi	17
51	Piyush Pandurang Ghate	27
52	Pooja Murlidhar Shende	24
53	Prachi Vinod Chauhan	AB
54	Pranjal M. Manchalwar	AB
55	Prasad Vinay Nirale	16
56	Prathamesh Dharmadhikari	16
57	Prathmesh R. Kurumkar	25
58	Pratik Manoj Netke	5
59	Prayank Anil Lanjewar	20
60	Radhika Umesh Deshkar	28
61	Rahul V Bodhankar	18
62	Rajnikant R. Parate	27
63	Reshma N. Bhagatkar	27
64	Ria Shailesh Saxena	15
65	Ritesh Pradeep Dafale	19
66	Ritik Balesh Kakde	22
67	Roshni Babbu Shukla	7
68	Rupam Tarurendra Dubey	16
69	Rupam Tekram Katre	15
70	Sahil Vijay Burde	28
71	Sakshi Kishor Dhomane	24
72	Sakshi Surendra Ladkar	11
73	Samiksha Sanjay Shingode	AB
74	Sanskruiti Sanjay Bhokre	AB
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104	Vishrut Ganesh Bhoyar	27
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110	Yash Yuvraj Atkare	AB
111	Yogesh P. Meshram	25
112		



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
Department of Computer Science  
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Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2020-2021  
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 | Find the regular expression for the following finite automata :                   | 5 |
| 2 | Prove that : Let L be a set accepted by NFA. Then there exist DFA that accepts L. | 5 |
| 3 | Explain two-way finite automata.  | 5 |
| 4 | Construct NFA for the regular expression $01^* + 1$ .                             | 5 |

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

- |    |  |   |
|----|--|---|
| 1. | (A) Define :   |   |
|    | (i) Transitive closure of R  |   |
|    | (ii) Reflexive and transitive closure of R.  | 5 |
| 2  | Define CNF. Find a grammar in CNF equivalent to:<br>S → aAbB<br>A → aA/a<br>B → bB/b | 5 |
| 3  | State the Pumping lemma for regular set. What are its applications?                  | 5 |
| 4  | Show that $L = \{0^i 1^i \mid i \geq 1\}$ is not regular.                            | 5 |



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

**BCAII Semester-IV (2020-21)**

**Theory of Computation**

**Paper-III**

**Result of Unit Test held on 03/06/2021 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	Aakansha Gajanan Thakare	27
2	Aarti Shivram Tiwari	16
3	Aayush Vinod Satpute	27
4	Abhishek Rajendra Bangre	8
5	Achal Kiran Kharabe	27
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20	Chaitanya Shyam Vibhute	21
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23	Dhanashri Sanjay Hulkey	11
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40	Lalit Madhav Shete	19
41	Manish Hemraj Khairkar	10
42	Mitali Ajay Bonde	15
43	Mohit Vijay Kashyap	23
44	Mokshada R. Dapewar	26
45	Nayanshree Deepak Daf	25
46	Nikita Manoj Gadve	AB
47	Nishant Sandip Itankar	25
48	Nishtha Rakesh Martha	16
49	Nurjahan Shaukat Ali	12
50	Pavan N. Pandrangi	21
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52	Pooja Murlidhar Shende	AB
53	Prachi Vinod Chauhan	AB
54	Pranjal M. Manchalwar	26
55	Prasad Vinay Nirale	28
56	Prathamesh Dharmadhikari	12
57	Prathmesh R. Kurumkar	18
58	Pratik Manoj Netke	26
59	Prayank Anil Lanjewar	11
60	Radhika Umesh Deshkar	19
61	Rahul V Bodhankar	20
62	Rajnikant R. Parate	13
63	Reshma N. Bhagatkar	24
64	Ria Shailesh Saxena	27
65	Ritesh Pradeep Dafale	AB
66	Ritik Balesh Kakde	AB
67	Roshni Babbu Shukla	17
68	Rupam Tarurendra Dubey	26
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72	Sakshi Surendra Ladkar	10
73	Samiksha Sanjay Shingode	AB
74	Sanskruiti Sanjay Bhokre	AB
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85	Sonal Umesh Bitale	20
86	Suraj P. Khamankar	10
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90	Tanmay Sunil Khedikar	23
91	Tanoj Khushilal Baghele	16
92	Tejas Sheshrao Thakre	15
93	Tejas Taresh Sakharkar	AB
94	Tejaswini R. Hinganeekar	28
95	Urshala Darshan Arora	8
96	Vaishnavi S. Shastrakar	12
97	Vaishnavi S. Manmode	21
98	Vedant Ajay Deorankar	20
99	Vinay Dilip Bisane	19
100	Vineeta Ganesh Pawar	23
101	Vipul Holendra Bisen	13
102	Viraj Ganpat Masulkar	AB
103	Vishal Kunjlal Pardhi	26
104	Vishrut Ganesh Bhoyar	AB
105	Vivek Mulchand Kukade	16
106	Yash Sudhakar Bobade	AB
107	Yash Sunil Sewatkar	AB
108	Yash Vasanta Gomkale	28
109	Yash Vijayrao Gomase	26
110	Yash Yuvraj Atkare	28
111	Yogesh P. Meshram	AB
112		



**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 2020-2021  
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 Consider a grammar: —  
 $G = (V, T, P, S)$  where  
 $V = \{S\}$  and  $P = \{S \rightarrow aSb, S \rightarrow ab\}$ .  
Give the language generated by this. 5
- 2 Explain pumping lemma for context free grammar. 5
- 3 Explain closure properties of CFL. 5
- 4 Write a note on Greibach normal form. 5

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

- 1 Prove that every context free language is accepted by same push down automation. 5
- 2 What are the properties of context free language ? 5
- 3 Give the informal description of Push Down Automata. 5
- 4 Prove  $L = \{a_n b_n c_n : n \geq 0\}$  is not context free. 5



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Congress Nagar, Nagpur

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.  
BCA II Semester-IV(2020-21)  
Operation Research-II Paper-IV  
Result of Unit Test held on 22/3/2021on  
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
108	TULSI UMAKANT MALGHATE	25
109	TUSHAR BHAUJI BAGADE	28
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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**



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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 2020-2021  
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*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(2020-21)  
Operation Research-II Paper-IV  
Result of Unit Test held on 25/4/2021on  
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 TAKALKEDE	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 SHAIKENDRA 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.E.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  
Department of Computer Science  
S.S.E.S. Am & Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2020-2021**  
**Bachelor of Computer Application (B.C.A) (Semester-IV)**  
**Sub-Webtechnology-II**  
**Result of Unit Test Held on 11-2-21**  
**UNIT TEST on Unit I ,UNIT-II**

Name of Teacher-**Manisha Kongre**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	Aakansha Gajanan Thakare	10
2	Aarti Shivram Tiwari	11
3	Aayush Vinod Satpute	AB
4	Abhishek Rajendra Bangre	18
5	Achal Kiran Kharabe	20
6	Ajit Dasaram Shende	11
7	Alok Kuwarlal Jamaiwar	13
8	Aman Mukesh Raut	15
9	Anurag Rajesh Ganjare	17
10	Anushka Anil Shivanand	21
11	Arya Vipin Vairagare	13
12	Asang Purvesh Nandeshwar	20
13	Atharva L. Ambekar	27
14	Atharva Subhash Gaurihar	23
15	Avinash Sanjayrao Thakare	20
16	Ayush Nandesh Dhakne	12
17	Batul Mufazzal Fidvi	15
18	Bharat Manohar Kamble	13
19	Bhedika Sanjay Gotaphode	17
20	Chaitanya Shyam Vibhute	AB
21	Deepali Sunil Choudhari	20
22	Dhanashree M. Bhatgare	AB
23	Dhanashri Sanjay Hulkey	12
24	Dhanshree G Pawade	24

25	Digvijay Sanjay Rao Dahikar	23
26	Diksha Nandkishor Manekar	27
27	Divya Sudhakar Pawar	28
28	Divya Bhumeshtar Katre	11
29	Gauri Induram Wanare	13
30	Harsh S. Vishwakarma	14
31	Harshal N Asampelli	15
32	Harshali Sambhaji Kale	17
33	Himanshu Suresh Badre	19
34	Ishant Vasanta Sontakke	13
35	Jagdish Balaji More	22
36	Kaushik Bharat Borkute	23
37	Khushal Sanjay Goje	AB
38	Kirti Omrao Tulshikar	26
39	Kunal Mahesh Kaushik	27
40	Lalit Madhav Shete	13
41	Manish Hemraj Khairkar	16
42	Mitali Ajay Bonde	16
43	Mohit Vijay Kashyap	17
44	Mokshada R. Dapewar	18
45	Nayanshree Deepak Daf	AB
46	Nikita Manoj Gadve	23
47	Nishant Sandip Itankar	22
48	Nishtha Rakesh Martha	25
49	Nurjahan Shaukat Ali	23
50	Pavan N. Pandrangi	22
51	Piyush Pandurang Ghate	26
52	Pooja Murlidhar Shende	27
53	Prachi Vinod Chauhan	24
54	Pranjal M. Manchalwar	22
55	Prasad Vinay Nirale	26
56	Prathamesh Dharmadhikari	26

57	Prathmesh R. Kurumkar	27
58	Pratik Manoj Netke	28
59	Prayank Anil Lanjewar	29
60	Radhika Umesh Deshkar	23
61	Rahul V Bodhankar	11
62	Rajnikant R. Parate	12
63	Reshma N. Bhagatkar	14
64	Ria Shailesh Saxena	15
65	Ritesh Pradeep Dafale	16
66	Ritik Balesh Kakde	16
67	Roshni Babbu Shukla	17
68	Rupam Tarurendra Dubey	18
69	Rupam Tekram Katre	18
70	Sahil Vijay Burde	13
71	Sakshi Kishor Dhokane	21
72	Sakshi Surendra Ladkar	22
73	Samiksha Sanjay Shingode	24
74	Sanskriti Sanjay Bhokre	25
75	Sarvesh Nanaji Sangolkar	26
76	Sejal Prakash Khelkar	23
77	Shalini Dinesh Ganvir	22
78	Shashwat Haribhau Shinde	12
79	Shraddha D. Kumbhre	14
80	Shreyash Umakant Urkude	15
81	Shruti Surendra Khoware	16
82	Shruti Y. Nagardhankar	15
83	Shubham M. Tiwari	18
84	Sojwal Dinesh Dangre	19
85	Sonal Umesh Bitale	20
86	Suraj P. Khamankar	22
87	Swapnil Sanjay Parkhi	22
88	Swati Narsh Sayam	23

89	Tanaya M. Kshirsagar	24
90	Tanmay Sunil Khedikar	26
91	Tanoj Khushilal Baghele	AB
92	Tejas Sheshrao Thakre	AB
93	Tejas Taresh Sakharkar	23
94	Tejaswini R. Hinganekar	11
95	Urshala Darshan Arora	22
96	Vaishnavi S. Shastrakar	22
97	Vaishnavi S. Manmode	AB
98	Vedant Ajay Deorankar	24
99	Vinay Dilip Bisane	AB
100	Vineeta Ganesh Pawar	22
101	Vipul Holendra Bisen	12
102	Viraj Ganpat Masulkar	11
103	Vishal Kunjilal Pardhi	18
104	Vishrut Ganesh Bhoyar	20
105	Vivek Mulchand Kukade	25
106	Yash Sudhakar Bobade	26
107	Yash Sunil Sewatkar	28
108	Yash Vasanta Gomkale	10
109	Yash Vijayrao Gomase	23
110	Yash Yuvraj Atkare	23
111	Yogesh P. Meshram	20

*(Handwritten Signature)*

**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 2020-2021  
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 : (1) Math object (2) Date object [05]  
B. Explain Date object and Math object used in JSP. [05]  
C. Explain the various loops available in Java Script with example. [05]  
D. Explain in detail the expression tag in JSP with example [05]

**Q.2 UNIT-II**

**Solve Any Three**

- A. Explain the object scopes in JSP. [05]  
B. What is Scriptlet ? Explain scriptlet tag in detail.. [05]  
C. What are the Directives used in JSP? [05]  
D. What is Scriptlet ? Explain scriptlet tag in detail [05]



**Signature of the Teacher**



**Head  
Department of Computer Science**



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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 2020-2021**  
**Bachelor of Computer Application (B.C.A) (Semester-IV)**  
**Sub-Webtechnology-II**  
**Result of Unit Test Held on 27-4-21**  
**UNIT TEST on Unit III ,UNIT-IV**

Name of Teacher-Manisha Kongre

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	Aakansha Gajanan Thakare	10
2	Aarti Shivram Tiwari	11
3	Aayush Vinod Satpute	ABSENT
4	Abhishek Rajendra Bangre	18
5	Achal Kiran Kharabe	20
6	Ajit Dasaram Shende	22
7	Alok Kuwarlal Jamaiwar	22
8	Aman Mukesh Raut	26
9	Anurag Rajesh Ganjare	22
10	Anushka Anil Shivanand	21
11	Arya Vipin Vairagare	13
12	Asang Purvesh Nandeshwar	28
13	Atharva L. Ambekar	27
14	Atharva Subhash Gaurihar	27
15	Avinash Sanjayrao Thakare	20
16	Ayush Nandesh Dhakne	12
17	Batul Mufazzal Fidvi	15
18	Bharat Manohar Kamble	13
19	Bhedika Sanjay Gotaphode	17
20	Chaitanya Shyam Vibhute	AB
21	Deepali Sunil Choudhari	20
22	Dhanashree M. Bhatgare	AB

23	Dhanashri Sanjay Hulkey	12
24	Dhanshree G Pawade	24
25	Digvijay Sanjay Rao Dahikar	23
26	Diksha Nandkishor Manekar	27
27	Divya Sudhakar Pawar	28
28	Divya Bhumeshtar Katre	11
29	Gauri Induram Wanare	13
30	Harsh S. Vishwakarma	14
31	Harshal N Asampelli	15
32	Harshali Sambhaji Kale	17
33	Himanshu Suresh Badre	19
34	Ishant Vasanta Sontakke	13
35	Jagdish Balaji More	22
36	Kaushik Bharat Borkute	23
37	Khushal Sanjay Goje	AB
38	Kirti Omrao Tulshikar	26
39	Kunal Mahesh Kaushik	27
40	Lalit Madhav Shete	13
41	Manish Hemraj Khairkar	16
42	Mitali Ajay Bonde	16
43	Mohit Vijay Kashyap	17
44	Mokshada R. Dapewar	18
45	Nayanshree Deepak Daf	AB
46	Nikita Manoj Gadve	23
47	Nishant Sandip Itankar	22
48	Nishtha Rakesh Martha	25
49	Nurjahan Shaukat Ali	23
50	Pavan N. Pandrangi	22
51	Piyush Pandurang Ghate	26
52	Pooja Murlidhar Shende	27
53	Prachi Vinod Chauhan	24
54	Pranjal M. Manchalwar	22

55	Prasad Vinay Nirale	26
56	Prathamesh Dharmadhikari	26
57	Prathmesh R. Kurumkar	27
58	Pratik Manoj Netke	28
59	Prayank Anil Lanjewar	29
60	Radhika Umesh Deshkar	23
61	Rahul V Bodhankar	11
62	Rajnikant R. Parate	12
63	Reshma N. Bhagatkar	14
64	Ria Shailesh Saxena	15
65	Ritesh Pradeep Dafale	16
66	Ritik Balesh Kakde	16
67	Roshni Babbu Shukla	17
68	Rupam Tarurendra Dubey	18
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74	Sanskruiti Sanjay Bhokre	25
75	Sarvesh Nanaji Sangolkar	26
76	Sejal Prakash Khelkar	23
77	Shalini Dinesh Ganvir	22
78	Shashwat Haribhau Shinde	12
79	Shraddha D. Kumbhre	AB
80	Shreyash Umakant Urkude	15
81	Shruti Surendra Khoware	AB
82	Shruti Y. Nagardhankar	15
83	Shubham M. Tiwari	18
84	Sojwal Dinesh Dangre	19
85	Sonal Umesh Bitale	20
86	Suraj P. Khamankar	AB

87	Swapnil Sanjay Parkhi	22
88	Swati Narsh Sayam	23
89	Tanaya M. Kshirsagar	AB
90	Tanmay Sunil Khedikar	26
91	Tanoj Khushilal Baghele	AB
92	Tejas Sheshrao Thakre	12
93	Tejas Taresh Sakharkar	23
94	Tejaswini R. Hinganekar	11
95	Urshala Darshan Arora	22
96	Vaishnavi S. Shastrakar	22
97	Vaishnavi S. Manmode	23
98	Vedant Ajay Deorankar	24
99	Vinay Dilip Bisane	26
100	Vineeta Ganesh Pawar	22
101	Vipul Holendra Bisen	12
102	Viraj Ganpat Masulkar	11
103	Vishal Kunjilal Pardhi	18
104	Vishrut Ganesh Bhojar	20
105	Vivek Mulchand Kukade	25
106	Yash Sudhakar Bobade	AB
107	Yash Sunil Sewatkar	28
108	Yash Vasanta Gomkale	10
109	Yash Vijayrao Gomase	AB
110	Yash Yuvraj Atkare	23
111	Yogesh P. Meshram	20



**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 2020-2021  
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. Explain following with example (1) If.....then.....else (2) For.....next.....loop. [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. Elaborate the concept of subroutines and functions in VB script [05]

**Q.2 UNIT-IV**

**Solve Any Three**

- A. Explain the various REST based web-services [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**



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Congress Nagar, Nagpur



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

**Department of Computer Science  
BCA II Semester-III (2020-21)  
DIGITAL ELECTRONICS—II Paper—VI**

**Result of Unit Test held on 03/03/2021 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.	Aakansha Gajanan Thakare	15
2.	Aarti Shivram Tiwari	21
3.	Aayush Vinod Satpute	10
4.	Abhishek Rajendra Bangre	10
5.	Achal Kiran Kharabe	20
6.	Ajit Dasaram Shende	21
7.	Alok Kuwarlal Jamaiwar	22
8.	Aman Mukesh Raut	25
9.	Anurag Rajesh Ganjare	16
10.	Anushka Anil Shivanand	18
11.	Arya Vipin Vairagare	19
12.	Asang Purvesh Nandeshwar	21
13.	Atharva L. Ambekar	20
14.	Atharva Subhash Gaurihar	24
15.	Avinash Sanjayrao Thakare	16
16.	Ayush Nandesh Dhakne	09
17.	Batul Mufazzal Fidvi	11
18.	Bharat Manohar Kamble	16
19.	Bhedika Sanjay Gotaphode	18
20.	Chaitanya Shyam Vibhute	20
21.	Deepali Sunil Choudhari	21
22.	Dhanashree M. Bhatgare	16
23.	Dhanashri Sanjay Hulkey	17
24.	Dhanshree G Pawade	20
25.	Digvijay Sanjay Rao Dahikar	21
26.	Diksha Nandkishor Manekar	22
27.	Divya Sudhakar Pawar	25
28.	Divya Bhumeshvar Katre	16
29.	Gauri Induram Wanare	18
30.	Harsh S. Vishwakarma	19
		21
31.	Harshal N Asampelli	20

32.	Harshali Sambhaji Kale	24
33.	Himanshu Suresh Badre	16
34.	Ishant Vasanta Sontakke	09
35.	Jagdish Balaji More	11
36.	Kaushik Bharat Borkute	16
37.	Khushal Sanjay Goje	18
38.	Kirti Omrao Tulshikar	20
39.	Kunal Mahesh Kaushik	21
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45.	Nayanshree Deepak Daf	25
46.	Nikita Manoj Gadve	16
47.	Nishant Sandip Itankar	18
48.	Nishtha Rakesh Martha	19
49.	Nurjahan Shaukat Ali	21
50.	Pavan N. Pandrangi	20
51.	Piyush Pandurang Ghate	24
52.	Pooja Murlidhar Shende	16
53.	Prachi Vinod Chauhan	09
54.	Pranjal M. Manchalwar	11
55.	Prasad Vinay Nirale	16
56.	Prathamesh Dharmadhikari	18
57.	Prathmesh R. Kurumkar	20
58.	Pratik Manoj Netke	21
59.	Prayank Anil Lanjewar	16
60.	Radhika Umesh Deshkar	17
61.	Rahul V Bodhankar	20
62.	Rajnikant R. Parate	21
63.	Reshma N. Bhagatkar	22
64.	Ria Shailesh Saxena	25
65.	Ritesh Pradeep Dafale	16
66.	Ritik Balesh Kakde	18
67.	Roshni Babbu Shukla	19
68.	Rupam Tarurendra Dubey	21
69.	Rupam Tekram Katre	24
70.	Sahil Vijay Burde	16
71.	Sakshi Kishor Dhomane	09
72.	Sakshi Surendra Ladkar	11
73.	Samiksha Sanjay Shingode	16
74.	Sanskruiti Sanjay Bhokre	18
75.	Sarvesh Nanaji Sangolkar	20



76.	Sejal Prakash Khelkar	21
77.	Shalini Dinesh Ganvir	16
78.	Shashwat Haribhau Shinde	17
79.	Shraddha D. Kumbhre	20
80.	Shreyash Umakant Urkude	21
81.	Shruti Surendra Khoware	22
82.	Shruti Y. Nagardhankar	25
83.	Shubham M. Tiwari	16
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85.	Sonal Umesh Bitale	19
86.	Suraj P. Khamankar	21
87.	Swapnil Sanjay Parkhi	20
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89.	Tanaya M. Kshirsagar	16
90.	Tanmay Sunil Khedikar	09
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92.	Tejas Sheshrao Thakre	16
93.	Tejas Taresh Sakharkar	18
94.	Tejaswini R. Hinganekar	18
95.	Urshala Darshan Arora	29
96.	Vaishnavi S. Shastrakar	AA
97.	Vaishnavi S. Manmode	AA
98.	Vedant Ajay Deorankar	AA
99.	Vinay Dilip Bisane	09
100.	Vineeta Ganesh Pawar	23
101.	Vipul Holendra Bisen	01
102.	Viraj Ganpat Masulkar	14
103.	Vishal Kunjilal Pardhi	AA
104.	Vishrut Ganesh Bhoyar	AA
105.	Vivek Mulchand Kukade	AA
106.	Yash Sudhakar Bobade	00
107.	Yash Sunil Sewatkar	02
108.	Yash Vasanta Gomkale	00
109.	Yash Vijayrao Gomase	AA
110.	Yash Yuvraj Atkare	11
111.	Yogesh P. Meshram	10

**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 (2020-21)  
DIGITAL ELECTRONICS—II Paper—VI**

**Result of Unit Test held on 13/04/2021 on Unit III & Unit IV**

**Name of the teacher: Amruta J. Thakur**

S.N.	Name of Students	Marks Out of 30 Unit 1 and 2
1.	Aakansha Gajanan Thakare	15
2.	Aarti Shivram Tiwari	21
3.	Aayush Vinod Satpute	10
4.	Abhishek Rajendra Bangre	10
5.	Achal Kiran Kharabe	20
6.	Ajit Dasaram Shende	21
7.	Alok Kuwarlal Jamaiwar	22
8.	Aman Mukesh Raut	25
9.	Anurag Rajesh Ganjare	16
10.	Anushka Anil Shivanand	18
11.	Arya Vipin Vairagare	19
12.	Asang Purvesh Nandeshwar	21
13.	Atharva L. Ambekar	20
14.	Atharva Subhash Gaurihar	24
15.	Avinash Sanjayrao Thakare	16
16.	Ayush Nandesh Dhakne	9
17.	Batul Mufazzal Fidvi	11
18.	Bharat Manohar Kamble	16
19.	Bhedika Sanjay Gotaphode	18

20.	Chaitanya Shyam Vibhute	20
21.	Deepali Sunil Choudhari	21
22.	Dhanashree M. Bhatgare	16
23.	Dhanashri Sanjay Hulkey	17
24.	Dhanshree G Pawade	20
25.	Digvijay Sanjay Rao Dahikar	21
26.	Diksha Nandkishor Manekar	22
27.	Divya Sudhakar Pawar	25
28.	Divya Bhumeshtar Katre	16
29.	Gauri Induram Wanare	18
30.	Harsh S. Vishwakarma	19
31.	Harshal N Asampelli	20
32.	Harshali Sambhaji Kale	24
33.	Himanshu Suresh Badre	16
34.	Ishant Vasanta Sontakke	9
35.	Jagdish Balaji More	11
36.	Kaushik Bharat Borkute	16
37.	Khushal Sanjay Goje	18
38.	Kirti Omrao Tulshikar	20
39.	Kunal Mahesh Kaushik	21
40.	Lalit Madhav Shete	16
41.	Manish Hemraj Khairkar	17
42.	Mitali Ajay Bonde	20
43.	Mohit Vijay Kashyap	21
44.	Mokshada R. Dapewar	22
45.	Nayanshree Deepak Daf	25
46.	Nikita Manoj Gadve	16
47.	Nishant Sandip Itankar	18
48.	Nishtha Rakesh Martha	19
49.	Nurjahan Shaukat Ali	21
50.	Pavan N. Pandrangi	20
51.	Piyush Pandurang Ghate	24
52.	Pooja Murlidhar Shende	16
53.	Prachi Vinod Chauhan	9
54.	Pranjal M. Manchalwar	11

55.	Prasad Vinay Nirale	16
56.	Prathamesh Dharmadhikari	18
57.	Prathmesh R. Kurumkar	20
58.	Pratik Manoj Netke	21
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97.	Vaishnavi S. Manmode	AA
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99.	Vinay Dilip Bisane	9
100.	Vineeta Ganesh Pawar	23
101.	Vipul Holendra Bisen	1
102.	Viraj Ganpat Masulkar	14
103.	Vishal Kunjilal Pardhi	AA
104.	Vishrut Ganesh Bhoyar	AA
105.	Vivek Mulchand Kukade	AA
106.	Yash Sudhakar Bobade	0
107.	Yash Sunil Sewatkar	2
108.	Yash Vasanta Gomkale	0
109.	Yash Vijayrao Gomase	AA
110.	Yash Yuvraj Atkare	11
111.	Yogesh P. Meshram	10

**Signature of the Teacher**

**Head  
Department of Computer Science**



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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 2020-2021  
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.

(d) Write an ALP to find factorial of given 8-bit number. 5



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