

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

**Bachelor of Computer Application**

**B.C.A. II Semester-IV (2018-19)**

**Software Engineering-I Paper-I**

**Result of Unit Test held on 20/03/2019 on Unit I & II**

**Name of the teacher: Puja Dadhe**

Sr. NO	Name of the Students	Marks out of 30
1	AKANSHA D. JAWADE	21
2	ANJALI S. DONGRE	ab
3	ANJALI C. DHONGADE	24
4	ANKITA S. CHAMBHARE	20
5	APEKSHA A. SOLANKI	15
6	ARPITA H. RAUT	17
7	ARTI P. BHARADWAJ	26
8	DIVYA G. GHODMARE	ab
9	DIVYA S. YADAV	10
10	GAYATRI S. URKUDE	22
11	JANHAVI G. YENURKAR	17
12	JYOTI V. SHUKLA	22
13	KANCHAN P. APTE	17
14	KRUPA B. MAHALE	22
15	KRUTIKA A. LIMBAD	29
16	KRUTIKA S. RAUT	26
17	MADHAVI N. DHANDE	14
18	MADHURA M. PANDE	25
19	MRUNALI S. BOKADE	27
20	MUSKAN S. KAMWANI	26
21	NEHA K. SURVE	28
22	NEHAL M. CHANDARANA	ab
23	NIKITA Y. GOKHALE	23
24	PHALGUNI KHODE	29
25	PINKI D. YADAV	ab
26	POOJA B. SINGH	22
27	PRANALI A. LICHADE	26
28	PRATIKSHA PIMPALKAR	12
29	PRIYANKA K. DAS	23
30	PUJA S. YADAV	12
31	RADHA D. TRIVEDI	23
32	RAJNANDINI T. BANGADE	24

33	RITU P. DUBEY	17
34	RIYA R. DHAPODKAR	ab
35	RUCHI D. PATLE	20
36	SAKSHI C. KHOPE	29
37	SAKSHI R. SONKAR	26
38	SAROJ P. JANGID	18
39	SHIVALI S. UMBARKAR	ab
40	SHIVANI BAGAL	28
41	SIDDHI S. AWALE	10
42	SIMRANJEET MATHARU	21
43	SUDHAKUMARI SHARMA	15
44	TEJASWINI S. DOMDE	26
45	TEJASWINI W. BALKI	30
46	VAISHNAVI S. BHOSALE	30
47	VAISHNAVI HIWARKAR	26
48	ABHISHEK B. PANDEY	11
49	AJINKYA R. BHISE	15
50	AJINKYA V. DAHAT	14
51	AJINKYA V. DANGE	22
52	AKSHAY KHOBRAGADE	ab
53	AKSHIT KHOBRAGADE	23
54	ARNAV C. ANDRASKAR	22
55	ARPIT D. MOTE	16
56	DILIP S. VERMA	29
57	DURGESH T. KOLHE	30
58	GAURAV K. TIWARI	ab
59	HARSH A. GOUR	24
60	HARSHAL PARSHURAMKAR	14
61	HARSHAL K. DHANDRE	19
62	HARSHAL BHUJADE	26
63	LEELADHAR A. BANOTHE	12
64	MAYUR R. KHAIRKAR	ab
65	MRINAL J. KAMBLE	20
66	NAGESHWAR S. DAHARE	15
67	NIKHIL S. SAUJANI	27
68	NIMISH D. SHRIMANKAR	13
69	NIRMAL S YUKLY	22
70	NISHANT TAPRE	21
71	PANKAJ J. PATLE	18
72	PIYUSH J. CHAWHAN	17
73	PIYUSH R. NAKSHE	27
74	PRANAY S. THAKRE	25

75	PRANIT R. VINCHURKAR	ab
76	PRASAD R. TALE	15
77	PRITAM P. DAS	22
78	PUROOSHOTTAM DINESHWAR	25
79	PUROOSHOTTAM T. THAKRE	22
80	RAHUL S. BORKAR	18
81	RANJEET A. KARMAKAR	16
82	ROHAN K. PATINGE	13
83	RUPESH A. KAMTHE	25
84	RUSHANK P. DHANVIJAY	28
85	RUSHIKESH M. GOPHANE	25
86	SAHIL R. BINEKAR	20
87	SAIDATTA V. BODAKHE	26
88	SAURABH I. RAJURKAR	26
89	SAURABH R. PATIL	26
90	SHUBHAM P. DIYUNDI	30
91	SONU S. ZADE	ab
92	SUCHIT S. MUKHERJEE	16
93	SUSHANT D/ SALVE	22
94	SUYOG M. KAREMORE	17
95	TANMAY M. MANE	15
96	UDDESH R. KAMBLE	11
97	UTKARSH P. PATHAK	30



**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. 5

**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. 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.**

**Bachelor of Computer Application**

**B.C.A. II Semester-IV (2018-19)**

**Software Engineering-I Paper-I**

**Result of Unit Test held on 20/03/2019 on Unit I & II**

**Name of the teacher: Puja Dadhe**

Sr. NO	Name of the Students	Marks out of 30
1	AKANSHA D. JAWADE	21
2	ANJALI S. DONGRE	ab
3	ANJALI C. DHONGADE	24
4	ANKITA S. CHAMBHARE	20
5	APEKSHA A. SOLANKI	15
6	ARPITA H. RAUT	17
7	ARTI P. BHARADWAJ	26
8	DIVYA G. GHODMARE	ab
9	DIVYA S. YADAV	10
10	GAYATRI S. URKUDE	22
11	JANHAVI G. YENURKAR	17
12	JYOTI V. SHUKLA	22
13	KANCHAN P. APTE	17
14	KRUPA B. MAHALE	22
15	KRUTIKA A. LIMBAD	29
16	KRUTIKA S. RAUT	26
17	MADHAVI N. DHANDE	14
18	MADHURA M. PANDE	25
19	MRUNALI S. BOKADE	27
20	MUSKAN S. KAMWANI	26
21	NEHA K. SURVE	28
22	NEHAL M. CHANDARANA	ab
23	NIKITA Y. GOKHALE	23
24	PHALGUNI KHODE	29
25	PINKI D. YADAV	ab
26	POOJA B. SINGH	22
27	PRANALI A. LICHADE	26
28	PRATIKSHA PIMPALKAR	12
29	PRIYANKA K. DAS	23
30	PUJA S. YADAV	12
31	RADHA D. TRIVEDI	23
32	RAJNANDINI T. BANGADE	24

33	RITU P. DUBEY	17
34	RIYA R. DHAPODKAR	ab
35	RUCHI D. PATLE	20
36	SAKSHI C. KHOPE	29
37	SAKSHI R. SONKAR	26
38	SAROJ P. JANGID	18
39	SHIVALI S. UMBARKAR	ab
40	SHIVANI BAGAL	28
41	SIDDHI S. AWALE	10
42	SIMRANJEET MATHARU	21
43	SUDHAKUMARI SHARMA	15
44	TEJASWINI S. DOMDE	26
45	TEJASWINI W. BALKI	30
46	VAISHNAVI S. BHOSALE	30
47	VAISHNAVI HIWARKAR	26
48	ABHISHEK B. PANDEY	11
49	AJINKYA R. BHISE	15
50	AJINKYA V. DAHAT	14
51	AJINKYA V. DANGE	22
52	AKSHAY KHOBRAGADE	ab
53	AKSHIT KHOBRAGADE	23
54	ARNAV C. ANDRASKAR	22
55	ARPIT D. MOTE	16
56	DILIP S. VERMA	29
57	DURGESH T. KOLHE	30
58	GAURAV K. TIWARI	ab
59	HARSH A. GOUR	24
60	HARSHAL PARSHURAMKAR	14
61	HARSHAL K. DHANDRE	19
62	HARSHAL BHUJADE	26
63	LEELADHAR A. BANOTHE	12
64	MAYUR R. KHAIRKAR	ab
65	MRINAL J. KAMBLE	20
66	NAGESHWAR S. DAHARE	15
67	NIKHIL S. SAUJANI	27
68	NIMISH D. SHRIMANKAR	13
69	NIRMAL S YUKLY	22
70	NISHANT TAPRE	21
71	PANKAJ J. PATLE	18
72	PIYUSH J. CHAWHAN	17
73	PIYUSH R. NAKSHE	27
74	PRANAY S. THAKRE	25

75	PRANIT R. VINCHURKAR	ab
76	PRASAD R. TALE	15
77	PRITAM P. DAS	22
78	PUROOSHOTTAM DINESHWAR	25
79	PUROOSHOTTAM T. THAKRE	22
80	RAHUL S. BORKAR	18
81	RANJEET A. KARMAKAR	16
82	ROHAN K. PATINGE	13
83	RUPESH A. KAMTHE	25
84	RUSHANK P. DHANVIJAY	28
85	RUSHIKESH M. GOPHANE	25
86	SAHIL R. BINEKAR	20
87	SAIDATTA V. BODAKHE	26
88	SAURABH I. RAJURKAR	26
89	SAURABH R. PATIL	26
90	SHUBHAM P. DIYUNDI	30
91	SONU S. ZADE	ab
92	SUCHIT S. MUKHERJEE	16
93	SUSHANT D/ SALVE	22
94	SUYOG M. KAREMORE	17
95	TANMAY M. MANE	15
96	UDDESH R. KAMBLE	11
97	UTKARSH P. PATHAK	30



**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 (2018-2019)**

**B.C.A. II Semester-IV (2018-19)**

**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 |



**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, CONGRESSNAGAR, NAGPUR.  
BCA II Semester-IV (2018-19)  
SUBJECT Paper-II  
Result of Unit Test held on 25/03/2019 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>
1.	AKANSHA D. JAWADE	22
2.	ANJALI C. DHONGADE	9
3.	ANKITA SANJAY CHAMBHARE	23
4.	A. ASHOK SOLANKI	26
5.	ARPITA HEMANT RAUT	18
6.	ARTI PARAS BHARADWAJ	22
7.	DIVYA SUDHIR YADAV	12
8.	GAYATRI SHRIKANT URKUDE	19
9.	HIRAL SANTOSH RAIKWAD	23
10.	JANHAVI GAJANAN YENURKAR	24
11.	JYOTI VINOD SHUKLA	20
12.	KANCHAN PRADEEP APTE	12
13.	KRUPA BABANRAO MAHALE	17
14.	KRUTIKA ASHWIN LIMBAD	18
15.	KRUTIKA SURESH RAUT	16
16.	MADHAVI NARESH DHANDE	26
17.	MADHURA MUKUND PANDE	16
18.	MRUNALI SHARAD BOKADE	17
19.	MUSKAN SUSHIL KAMWANI	25
20.	NEHA KISHORRAO SURVE	15
21.	NEHAL MANOJ CHANDARANA	22
22.	NIKITA YASHWANT GOKHALE	11
23.	PHALGUNI C. KHODE	22

24.	PINKI DAYARAM YADAV	16
25.	POOJA BHARAT SINGH	18
26.	PRANALI ASHOK LICHADE	10
27.	PRATIKSHA G. PIMPALKAR	13
28.	PRIYANKA KRISHNA DAS	12
29.	PUJA SHIVSHANKAR YADAV	14
30.	RADHA DINESH TRIVEDI	11
31.	RITU PARNA PRATAP DUBEY	22
32.	RIYA RAJESH DHAPODKAR	20
33.	RUCHI DWARKAPRASAD PATLE	10
34.	SAKSHI C. KHOPE	23
35.	SAKSHI RAJESH SONKAR	16
36.	SAROJ PRADEEP JANGID	23
37.	SAYALI BALAJI CHAUDHARI	21
38.	SEJAL PRASHANT AMBATKAR	26
39.	SHARVARI PRADEEP THETE	11
40.	SHIVALI SHYAM UMBARKAR	26
41.	SHIVANI SAMEER KOLHARKAR	22
42.	SIDDHI SANTOSH AWALE	11
43.	S. G. MATHARU	26
44.	SNEHAL SUDHAKAR UPARE	11
45.	SRISHTI MANOJ NIMJE	16
46.	S.S. SHARMA	9
47.	SUPRIYA SUNIL THAKRE	17
48.	SWEETY MOHAN LADHI	23
49.	TEJASVINI SHANKAR DOMDE	11
50.	TEJASWINI WASUDEV BALKI	25
51.	VAISHNAVI JAYANT HIWARKAR	9
52.	VAISHNAVI SUNIL BHOSALE	21
53.	ABHISHEK B. PANDEY	16

54.	AJINKYA RAVINDRA BHISE	13
55.	AJINKYA VINAY DANGE	16
56.	AJINKYA VISHWAS DAHAT	13
57.	AKSHAY RAJESH KHOBRADE	22
58.	AKSHIT AVINASH KHOBRADE	18
59.	ANSHUL ANAND BHANGE	24
60.	ARNAV C. ANDRASKAR	20
61.	ARPIT DEEPAK MOTE	23
62.	ASHISH PRAVIN MEHAR	25
63.	AYUSH ARUN JAISWAL	21
64.	DILIP SABHAJEET VERMA	11
65.	D.T. KOLHE	10
66.	GAURAV K. TIWARI	14
67.	HARSH . GOUR	15
68.	H.H. PARSHURAMKAR	20
69.	HARSHAL KALIDAS DHANDRE	21
70.	KRUNAL VIJAY NINAVE	18
71.	LEELADHAR A. BANOTHE	13
72.	MAYANK ANUPAM BARLA	25
73.	MAYUR RAMESHWAR KHAIRKAR	12
74.	MIHIR RAVINDRA NAYAK	26
75.	MRINAL JAGDISH KAMBLE	24
76.	NAGESHWAR SAWJI DAHARE	26
77.	NIKHIL SATISH SAUJANI	12
78.	NIMISH DEEPAK SHRIMANKAR	24
79.	NISHANT SUBHASH TAPRE	14
80.	PANKAJ JIYALAL PATLE	13
81.	PIYUSH RAJESH NAKSHE	12
82.	P.J. CHAWHAN	22
83.	PRAJWAL ANIL AMBADE	20

84.	PRANAY SUSHIL THAKRE	23
85.	P.R. VINCHURKAR	25
86.	PRASAD RAMRAO TALE	15
87.	P.D. ATKAR	25
88.	PRITAM PAVITRA DAS	11
89.	PURUSHOTTAM B DINESHWAR	26
90.	PURUSHOTTAM T. THAKRE	21
91.	RAHUL SUDHIR BORKAR	16
92.	RANJEET A. KARMAKAR	26
93.	RITIK SUDHIR UNDIRWADE	17
94.	ROHAN KISHOR PATINGE	10
95.	ROHIT A. DESHBHRATAR	19
96.	RUPESH ASHOK KAMTHE	11
97.	RUSHIKESH M. GOPHANE	21
98.	SAHIL RAJA BINEKAR	9
99.	SAURABH ISHWAR RAJURKAR	26
100.	SAURABH RAJU PATIL	23
101.	S. P. DIYUNDI	23
102.	SONU SURYABHAN ZADE	13
103.	SUCHIT S. MUKHERJEE	12
104.	SUYOG M. KAREMORE	25
105.	TANMAY MANOJ MANE	13
106.	UTKARSH PRAVIN PATHAK	17
107.	V SURYA PRAKASH V NIRMAL	11
108.	YASH KRISHNARAO BADE	15
109.	GAURAV GOPAL KALAMKAR	18

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2018-2019  
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. 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 numbers. 5



Signature of teacher



head of Department



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

SHR I SHIVAJI EDUCATION SOCIETY AMRAVATI'S

SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.

BCA II Semester-IV (2018-19)

SUBJECT Paper-II

Result of Unit Test held on 17/04/2019 on

Unit III and UNIT IV

Name of the teacher: P.M.Dadhe

Sr. No.	Name	Marks outof30
1.	AKANSHA D. JAWADE	20
2.	ANJALI C. DHONGADE	ab
3.	ANKITA SANJAY CHAMBHARE	22
4.	A. ASHOK SOLANKI	26
5.	ARPITA HEMANT RAUT	ab
6.	ARTI PARAS BHARADWAJ	22
7.	DIVYA SUDHIR YADAV	12
8.	GAYATRI SHRIKANT URKUDE	17
9.	HIRAL SANTOSH RAIKWAD	23
10.	JANHAVI GAJANAN YENURKAR	24
11.	JYOTI VINOD SHUKLA	20
12.	KANCHAN PRADEEP APTE	Ab
13.	KRUPA BABANRAO MAHALE	17
14.	KRUTIKA ASHWIN LIMBAD	18
15.	KRUTIKA SURESH RAUT	18
16.	MADHAVI NARESH DHANDE	21
17.	MADHURA MUKUND PANDE	16
18.	MRUNALI SHARAD BOKADE	17
19.	MUSKAN SUSHIL KAMWANI	25
20.	NEHA KISHORRAO SURVE	15
21.	NEHAL MANOJ CHANDARANA	22
22.	NIKITA YASHWANT GOKHALE	11
23.	PHALGUNI C. KHODE	22

24.	PINKI DAYARAM YADAV	16
25.	POOJA BHARAT SINGH	18
26.	PRANALI ASHOK LICHADE	10
27.	PRATI KSHA G. PIMPALKAR	13
28.	PRIYANKA KRISHNA DAS	Ab
29.	PUJA SHIVSHANKAR YADAV	14
30.	RADHA DINESH TRIVEDI	11
31.	RITU PARNA PRATAP DUBEY	22
32.	RIYA RAJESH DHAPODKAR	20
33.	RUCHI DWARKAPRASAD PATLE	10
34.	SAKSHI C. KHOPE	23
35.	SAKSHI RAJESH SONKAR	16
36.	SAROJ PRADEEP JANGID	23
37.	SAYALI BALAJI CHAUDHARI	21
38.	SEJAL PRASHANT AMBATKAR	Ab
39.	SHARVARI PRADEEP THETE	11
40.	SHIVALI SHYAM UMBARKAR	26
41.	SHIVANI SAMEER KOLHARKAR	22
42.	SIDDHI SANTOSH AWALE	11
43.	S. G. MATHARU	26
44.	SNEHAL SUDHAKAR UPARE	11
45.	SRISHTI MANOJ NIMJE	16
46.	S.S. SHARMA	19
47.	SUPRIYA SUNIL THAKRE	17
48.	SWEETY MOHAN LADHI	23
49.	TEJASVINI SHANKAR DOMDE	11
50.	TEJASWINI WASUDEV BALKI	25
51.	VAISHNAVI JAYANT HIWARKAR	9
52.	VAISHNAVI SUNIL BHOSALE	21
53.	ABHISHEK B. PANDEY	16

54.	AJINKYA RAVINDRA BHISE	13
55.	AJINKYA VINAY DANGE	Ab
56.	AJINKYA VISHWAS DAHAT	13
57.	AKSHAY RAJESH KHOBRADE	22
58.	AKSHIT AVINASH KHOBRADE	18
59.	ANSHUL ANAND BHANGE	24
60.	ARNAV C. ANDRASKAR	Ab
61.	ARPIT DEEPAK MOTE	23
62.	ASHISH PRAVIN MEHAR	25
63.	AYUSH ARUN JAISWAL	21
64.	DILIP SABHAJEET VERMA	11
65.	D.T. KOLHE	Ab
66.	GAURAV K. TIWARI	14
67.	HARSH . GOUR	15
68.	H.H. PARSHURAMKAR	20
69.	HARSHAL KALIDAS DHANDRE	21
70.	KRUNAL VIJAY NINAVE	18
71.	LEELADHAR A. BANOTHE	13
72.	MAYANK ANUPAM BARLA	25
73.	MAYUR RAMESHWAR KHAIRKAR	12
74.	MIHIR RAVINDRA NAYAK	26
75.	MRINAL JAGDISH KAMBLE	24
76.	NAGESHWAR SAWJI DAHARE	26
77.	NIKHIL SATISH SAUJANI	12
78.	NIMISH DEEPAK SHRIMANKAR	24
79.	NISHANT SUBHASH TAPRE	14
80.	PANKAJ JIYALAL PATLE	13
81.	PIYUSH RAJESH NAKSHE	12
82.	P.J. CHAWHAN	22
83.	PRAJWAL ANIL AMBADE	20



84.	PRANAY SUSHIL THAKRE	23
85.	P.R. VINCHURKAR	25
86.	PRASAD RAMRAO TALE	15
87.	P.D. ATKAR	25
88.	PRITAM PAVITRA DAS	11
89.	PURUSHOTTAM B DINESHWAR	26
90.	PURUSHOTTAM T. THAKRE	21
91.	RAHUL SUDHIR BORKAR	16
92.	RANJEET A. KARMAKAR	26
93.	RITIK SUDHIR UNDIRWADE	17
94.	ROHAN KISHOR PATINGE	10
95.	ROHIT A. DESHBHRATAR	19
96.	RUPESH ASHOK KAMTHE	11
97.	RUSHIKESH M. GOPHANE	21
98.	SAHIL RAJA BINEKAR	9
99.	SAURABH ISHWAR RAJURKAR	26
100.	SAURABH RAJU PATIL	23
101.	S. P. DIYUNDI	23
102.	SONU SURYABHAN ZADE	13
103.	SUCHIT S. MUKHERJEE	12
104.	SUYOG M. KAREMORE	25
105.	TANMAY MANOJ MANE	13
106.	UTKARSH PRAVIN PATHAK	17
107.	V SURYA PRAKASH V NIRMAL	11
108.	YASH KRISHNARAO BADE	15
109.	GAURAV GOPAL KALAMKAR	18

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2018-2019  
Bachelor of computer Application (BCA) (Semester-II)  
Paper-II  
(SUBJECT PL SQL)

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 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 teacher



head of Department

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 (2018-19)**

**Theory of Computation**

**Paper-III**

**Result of Unit Test held on 13/02/2019 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	Akansha D. Jawade	11
2	Anjali C. Dhongade	15
3	Ankita Sanjay Chambhare	15
4	A. Ashok Solanki	23
5	Arpita Hemant Raut	23
6	Arti Paras Bharadwaj	20
7	Divya Sudhir Yadav	28
8	Gayatri Shrikant Urkude	16
9	Hiral Santosh Raikwad	AB
10	Janhavi Gajanan Yenurkar	AB
11	Jyoti Vinod Shukla	11
12	Kanchan Pradeep Apte	19
13	Krupa Babanrao Mahale	28
14	Krutika Ashwin Limbad	14
15	Krutika Suresh Raut	23
16	Madhavi Naresh Dhande	27
17	Madhura Mukund Pande	23
18	Mrunali Sharad Bokade	20
19	Muskan Sushil Kamwani	15
20	Neha Kishorrao Surve	8
21	Nehal Manoj Chandarana	22
22	Nikita Yashwant Gokhale	11
23	Phalguni C. Khode	20
24	Pinki Dayaram Yadav	21
25	Pooja Bharat Singh	11
26	Pranali Ashok Lichade	9
27	Pratiksha G. Pimpalkar	21
28	Priyanka Krishna Das	11
29	Puja Shivshankar Yadav	8
30	Radha Dinesh Trivedi	11
31	Ritu Parna Pratap Dubey	27
32	Riya Rajesh Dhapodkar	AB
33	Ruchi Dwarkaprasad Patle	AB
34	Sakshi C. Khope	12
35	Sakshi Rajesh Sonkar	13

36	Saroj Pradeep Jangid	18
37	Sayali Balaji Chaudhari	22
38	Sejal Prashant Ambatkar	24
39	Sharvari Pradeep Thete	12
40	Shivali Shyam Umbarkar	11
41	Shivani Sameer Kolharkar	14
42	Siddhi Santosh Awale	10
43	S. G. Matharu	25
44	Snehal Sudhakar Upare	AB
45	Srishti Manoj Nimje	28
46	S. S. Sharma	28
47	Supriya Sunil Thakre	AB
48	Sweety Mohan Ladhi	13
49	Tejasvini Shankar Domde	26
50	Tejaswini Wasudev Balki	20
51	Vaishnavi Jayant Hiwarkar	14
52	Vaishnavi Sunil Bhosale	AB
53	Abhishek B. Pandey	12
54	Ajinkya Ravindra Bhise	19
55	Ajinkya Vinay Dange	15
56	Ajinkya Vishwas Dahat	19
57	Akshay Rajesh Khobragade	15
58	Akshit Avinash Khobragade	15
59	Anshul Anand Bhange	26
60	Arnav C. Andraskar	AB
61	Arpit Deepak Mote	18
62	Ashish Pravin Mehar	18
63	Ayush Arun Jaiswal	12
64	Dilip Sabhajeet Verma	13
65	D.T. Kolhe	9
66	Gaurav K. Tiwari	10
67	Harsh . Gour	22
68	H.H. Parshuramkar	6
69	Harshal Kalidas Dhandre	23
70	Krunal Vijay Ninave	16
71	Leeladhar A. Banothe	22
72	Mayank Anupam Barla	24
73	Mayur Rameshwar Khairkar	AB
74	Mihir Ravindra Nayak	AB
75	Mrinal Jagdish Kamble	5
76	Nageshwar Sawji Dahare	17
77	Nikhil Satish Saujani	27
78	Nimish Deepak Shrimankar	15
79	Nishant Subhash Tapre	26
80	Pankaj Jiyalal Patle	12

81	Piyush Rajesh Nakshe	8
82	P.J. Chawhan	23
83	Prajwal Anil Ambade	24
84	Pranay Sushil Thakre	AB
85	P.R. Vinchurkar	AB
86	Prasad Ramrao Tale	26
87	P.D. Atkar	16
88	Pritam Pavitra Das	9
89	Purushottam B Dineshwar	11
90	Purushottam T. Thakre	23
91	Rahul Sudhir Borkar	AB
92	Ranjeet A. Karmakar	AB
93	Ritik Sudhir Undirwade	17
94	Rohan Kishor Patinge	24
95	Rohit A. Deshbhratar	25
96	Rupesh Ashok Kamthe	26
97	Rushikesh M. Gophane	25
98	Sahil Raja Binekar	15
99	Saurabh Ishwar Rajurkar	11
100	Saurabh Raju Patil	19
101	S. P. Diyundi	21
102	Sonu Suryabhan Zade	15
103	Suchit S. Mukherjee	18
104	Suyog M. Karemore	8
105	Tanmay Manoj Mane	22
106	Utkarsh Pravin Pathak	14
107	V Surya Prakash V Nirmal	23
108	Yash Krishnarao Bade	16
109	Gaurav Gopal Kalamkar	AB
110		



**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 2018-2019  
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 Define and explain deterministic finite automata with example. 5
- 2 If  $D = (Q_D, \Sigma, \delta_D, \{q_0\}, F_D)$  is the DFA constructed from NFA  $N = (Q_N, \Sigma, \delta_N, q_0, F_N)$  by the subset construction, then prove:  $L(D) = L(N)$ . 5
- 3 Give a DFA over the alphabet  $\{0, 1\}$  accepting languages as the set of strings with 011 as a substring. 5
- 4 Write regular expression for the language in which the set of strings of 0's and 1's where 0's are divisible by 5 and whose number of 1's are even. 5

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

- 1 State and prove pumping lemma for regular set. 5
- 2 Define CFG for the language such as :  
The set of  $\{0_n 1_n \mid n \geq 1\}$ , that is the set of all strings of one or more 0's followed by an equal number of 1's. 5
- 3 Show that every regular language is context-free language. 5
- 4 Consider the CFG G defined by productions :  $S \rightarrow aS \mid Sb \mid a \mid b$ . Construct the language  $L(G)$  that does not have "ba" as a substring. 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.**

**BCAII Semester-IV (2018-19)**

**Theory of Computation**

**Paper-III**

**Result of Unit Test held on 22/04/2019 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	Akansha D. Jawade	25
2	Anjali C. Dhongade	26
3	Ankita Sanjay Chambhare	AB
4	A. Ashok Solanki	20
5	Arpita Hemant Raut	12
6	Arti Paras Bharadwaj	22
7	Divya Sudhir Yadav	26
8	Gayatri Shrikant Urkude	27
9	Hiral Santosh Raikwad	7
10	Janhavi Gajanan Yenukar	AB
11	Jyoti Vinod Shukla	AB
12	Kanchan Pradeep Apte	20
13	Krupa Babanrao Mahale	15
14	Krutika Ashwin Limbad	9
15	Krutika Suresh Raut	21
16	Madhavi Naresh Dhande	28
17	Madhura Mukund Pande	AB
18	Mrunali Sharad Bokade	AB
19	Muskan Sushil Kamwani	17
20	Neha Kishorrao Surve	12
21	Nehal Manoj Chandarana	6
22	Nikita Yashwant Gokhale	17
23	Phalguni C. Khode	16
24	Pinki Dayaram Yadav	25
25	Pooja Bharat Singh	17
26	Pranali Ashok Lichade	27
27	Pratiksha G. Pimpalkar	12
28	Priyanka Krishna Das	27
29	Puja Shivshankar Yadav	20
30	Radha Dinesh Trivedi	AB
31	Ritu Parna Pratap Dubey	AB
32	Riya Rajesh Dhapodkar	25
33	Ruchi Dwarkaprasad Patle	22
34	Sakshi C. Khope	19
35	Sakshi Rajesh Sonkar	18

36	Saroj Pradeep Jangid	10
37	Sayali Balaji Chaudhari	16
38	Sejal Prashant Ambatkar	28
39	Sharvari Pradeep Thete	AB
40	Shivali Shyam Umbarkar	AB
41	Shivani Sameer Kolharkar	22
42	Siddhi Santosh Awale	27
43	S. G. Matharu	26
44	Snehal Sudhakar Upare	20
45	Srishti Manoj Nimje	21
46	S.S. Sharma	7
47	Supriya Sunil Thakre	21
48	Sweety Mohan Ladhi	9
49	Tejasvini Shankar Domde	20
50	Tejaswini Wasudev Balki	20
51	Vaishnavi Jayant Hiwarkar	10
52	Vaishnavi Sunil Bhosale	10
53	Abhishek B. Pandey	13
54	Ajinkya Ravindra Bhise	AB
55	Ajinkya Vinay Dange	26
56	Ajinkya Vishwas Dahat	AB
57	Akshay Rajesh Khobragade	AB
58	Akshit Avinash Khobragade	15
59	Anshul Anand Bhange	6
60	Arnav C. Andraskar	16
61	Arpit Deepak Mote	16
62	Ashish Pravin Mehar	8
63	Ayush Arun Jaiswal	21
64	Dilip Sabhajeet Verma	10
65	D.T. Kolhe	8
66	Gaurav K. Tiwari	6
67	Harsh . Gour	17
68	H.H. Parshuramkar	23
69	Harshal Kalidas Dhandre	11
70	Krunal Vijay Ninave	19
71	Leeladhar A. Banothe	16
72	Mayank Anupam Barla	10
73	Mayur Rameshwar Khairkar	12
74	Mihir Ravindra Nayak	27
75	Mrinal Jagdish Kamble	28
76	Nageshwar Sawji Dahare	16
77	Nikhil Satish Saujani	19
78	Nimish Deepak Shrimankar	AB
79	Nishant Subhash Tapre	AB
80	Pankaj Jiyalal Patle	12



81	Piyush Rajesh Nakshe	AB
82	P.J. Chawhan	24
83	Prajwal Anil Ambade	20
84	Pranay Sushil Thakre	25
85	P.R. Vinchurkar	17
86	Prasad Ramrao Tale	13
87	P.D. Atkar	26
88	Pritam Pavitra Das	19
89	Purushottam B Dineshwar	24
90	Purushottam T. Thakre	25
91	Rahul Sudhir Borkar	28
92	Ranjeet A. Karmakar	12
93	Ritik Sudhir Undirwade	25
94	Rohan Kishor Patinge	10
95	Rohit A. Deshbhratar	11
96	Rupesh Ashok Kamthe	16
97	Rushikesh M. Gophane	18
98	Sahil Raja Binekar	21
99	Saurabh Ishwar Rajurkar	22
100	Saurabh Raju Patil	24
101	S. P. Diyundi	AB
102	Sonu Suryabhan Zade	AB
103	Suchit S. Mukherjee	15
104	Suyog M. Karemore	AB
105	Tanmay Manoj Mane	24
106	Utkarsh Pravin Pathak	19
107	V Surya Prakash V Nirmal	10
108	Yash Krishnarao Bade	13
109	Gaurav Gopal Kalamkar	14
110		



**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 2018-2019  
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 State and prove pumping lemma for context free languages. 5
- 2 Define Chomsky Normal Form (CNF). Find a grammar in CNF equivalent to  
 $S \rightarrow aAbB, A \rightarrow aA|a, B \rightarrow bB|b.$  5
- 3 What is Greibach Normal Form (GNF)? Explain with suitable example. 5
- 4 Prove that context free languages are not closed under intersection and complement. 5

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

- 1 Define deterministic PDA.  
Construct a PDA for:  $L = \{0^n 1^{2n} \mid n \geq 1\}.$  5
- 2 If L is a context free language then prove that there exists a PDA such that  $L = N(M).$  5
- 3 Construct PDA for the language,  
 $L = \{WW^R \mid W \text{ in } (a+b)^*\}$  5
- 4 Give the informal description of Push Down Automata. 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(2018-19)  
Operation Research-II Paper-IV  
Result of Unit Test held on 26/3/2019on  
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 SHAIENDRA 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 2018-2019  
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(2018-19)  
Operation Research-II Paper-IV  
Result of Unit Test held on 27/4/2019on  
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.E.S. Ambedkar Science College,  
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2018-2019  
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 2018-2019  
Bachelor of Computer Application (B.C.A) (Semester-IV)  
Sub-Webtechnology-II  
Result of Unit Test Held on 10-2-19  
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	AKANSHA D. JAWADE	AB
2	ANJALI C. DHONGADE	22
3	ANKITA SANJAY CHAMBHARE	24
4	A. ASHOK SOLANKI	26
5	ARPITA HEMANT RAUT	28
6	ARTI PARAS BHARADWAJ	22
7	DIVYA SUDHIR YADAV	22
8	GAYATRI SHRIKANT URKUDE	AB
9	HIRAL SANTOSH RAIKWAD	AB
10	JANHAVI GAJANAN YENURKAR	AB
11	JYOTI VINOD SHUKLA	13
12	KANCHAN PRADEEP APTE	28
13	KRUPA BABANRAO MAHALE	27
14	KRUTIKA ASHWIN LIMBAD	27
15	KRUTIKA SURESH RAUT	20
16	MADHAVI NARESH DHANDE	12
17	MADHURA MUKUND PANDE	15
18	MRUNALI SHARAD BOKADE	13
19	MUSKAN SUSHIL KAMWANI	17
20	NEHA KISHORRAO SURVE	AB
21	NEHAL MANOJ CHANDARANA	20
22	NIKITA YASHWANT GOKHALE	AB
23	PHALGUNI C. KHODE	12
24	PINKI DAYARAM YADAV	24



25	POOJA BHARAT SINGH	23
26	PRANALI ASHOK LICHADE	27
27	PRATIYKSHA G. PIMPALKAR	28
28	PRIYANKA KRISHNA DAS	11
29	PUJA SHIVSHANKAR YADAV	13
30	RADHA DINESH TRIVEDI	14
31	RITU PARNA PRATAP DUBEY	15
32	RIYA RAJESH DHAPODKAR	17
33	RUCHI DWARKAPRASAD PATLE	19
34	SAKSHI C. KHOPE	13
35	SAKSHI RAJESH SONKAR	22
36	SAROJ PRADEEP JANGID	23
37	SAYALI BALAJI CHAUDHARI	AB
38	SEJAL PRASHANT AMBATKAR	26
39	SHARVARI PRADEEP THETE	27
40	SHIVALI SHYAM UMBARKAR	13
41	SHIVANI SAMEER KOLHARKAR	16
42	SIDDHI SANTOSH AWALE	16
43	S. G. MATHARU	17
44	SNEHAL SUDHAKAR UPARE	18
45	SRISHTI MANOJ NIMJE	AB
46	S.S. SHARMA	23
47	SUPRIYA SUNIL THAKRE	22
48	SWEETY MOHAN LADHI	AB
49	TEJASVINI SHANKAR DOMDE	23
50	TEJASWINI WASUDEV BALKI	22
51	VAISHNAVI JAYANT HIWARKAR	26
52	VAISHNAVI SUNIL BHOSALE	27
53	ABHISHEK B. PANDEY	24
54	AJINKYA RAVINDRA BHISE	22
55	AJINKYA VINAY DANGE	26
56	AJINKYA VISHWAS DAHAT	26

57	AKSHAY RAJESH KHOBRADE	27
58	AKSHIT AVINASH KHOBRADE	28
59	ANSHUL ANAND BHANGE	29
60	ARNAV C. ANDRASKAR	23
61	ARPIT DEEPAK MOTE	11
62	ASHISH PRAVIN MEHAR	12
63	AYUSH ARUN JAISWAL	14
64	DILIP SABHAJEET VERMA	15
65	D.T. KOLHE	16
66	GAURAV K. TIWARI	16
67	HARSH . GOUR	17
68	H.H. PARSHURAMKAR	18
69	HARSHAL KALIDAS DHANDRE	18
70	KRUNAL VIJAY NINAVE	13
71	LEELADHAR A. BANOTHE	AB
72	MAYANK ANUPAM BARLA	22
73	MAYUR RAMESHWAR KHAIRKAR	24
74	MIHIR RAVINDRA NAYAK	25
75	MRINAL JAGDISH KAMBLE	26
76	NAGESHWAR SAWJI DAHARE	23
77	NIKHIL SATISH SAUJANI	22
78	NIMISH DEEPAK SHRIMANKAR	12
79	NISHANT SUBHASH TAPRE	14
80	PANKAJ JIYALAL PATLE	15
81	PIYUSH RAJESH NAKSHE	16
82	P.J. CHAWHAN	15
83	PRAJWAL ANIL AMBADE	AB
84	PRANAY SUSHIL THAKRE	19
85	P.R. VINCHURKAR	20
86	PRASAD RAMRAO TALE	22
87	P.D. ATKAR	AB
88	PRITAM PAVITRA DAS	23

89	PURUSHOTTAM B DINESHWAR	24
90	PURUSHOTTAM T. THAKRE	26
91	RAHUL SUDHIR BORKAR	AB
92	RANJEET A. KARMAKAR	12
93	RITIK SUDHIR UNDIRWADE	23
94	ROHAN KISHOR PATINGE	11
95	ROHIT A. DESHBHRATAR	22
96	RUPESH ASHOK KAMTHE	22
97	RUSHIKESH M. GOPHANE	23
98	SAHIL RAJA BINEKAR	24
99	SAURABH ISHWAR RAJURKAR	26
100	SAURABH RAJU PATIL	22
101	S. P. DIYUNDI	12
102	SONU SURYABHAN ZADE	11
103	SUCHIT S. MUKHERJEE	18
104	SUYOG M. KAREMORE	20
105	TANMAY MANOJ MANE	25
106	UTKARSH PRAVIN PATHAK	26
107	V SURYA PRAKASH V NIRMAL	28
108	YASH KRISHNARAO BADE	10
109	GAURAV GOPAL KALAMKAR	23

*M. K. K. K.*

**Signature of the Teacher**

*[Handwritten Signature]*

**Head  
Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2018-2019**  
**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 the life cycle of JSP in detail. [05]
- B. Explain different loops used in JSP with proper syntax and example. [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. What is exception ? Write a program for exception handling in JSP [05]
- B. What is Scriptlet ? Explain scriptlet tag in detail.. [05]
- C. Explain how is security provided in Java Script [05]
- D. How does window object work in Javascript ? Explain. [05]



**Signature of the Teacher**



**Head**  
**Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2018-2019**  
**Bachelor of Computer Application (B.C.A) (Semester-IV)**  
**Sub-Webtechnology-II**  
**Result of Unit Test Held on 11-4-19**  
**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	AKANSHA D. JAWADE	AB
2	ANJALI C. DHONGADE	22
3	ANKITA SANJAY CHAMBHARE	24
4	A. ASHOK SOLANKI	26
5	ARPITA HEMANT RAUT	28
6	ARTI PARAS BHARADWAJ	22
7	DIVYA SUDHIR YADAV	22
8	GAYATRI SHRIKANT URKUDE	AB
9	HIRAL SANTOSH RAIKWAD	AB
10	JANHAVI GAJANAN YENURKAR	AB
11	JYOTI VINOD SHUKLA	13
12	KANCHAN PRADEEP APTE	28
13	KRUPA BABANRAO MAHALE	27
14	KRUTIKA ASHWIN LIMBAD	27
15	KRUTIKA SURESH RAUT	20
16	MADHAVI NARESH DHANDE	12
17	MADHURA MUKUND PANDE	15
18	MRUNALI SHARAD BOKADE	13
19	MUSKAN SUSHIL KAMWANI	17
20	NEHA KISHORRAO SURVE	AB
21	NEHAL MANOJ CHANDARANA	20
22	NIKITA YASHWANT GOKHALE	AB
23	PHALGUNI C. KHODE	12
24	PINKI DAYARAM YADAV	24
25	POOJA BHARAT SINGH	23

26	PRANALI ASHOK LICHADE	27
27	PRATI KSHA G. PIMPALKAR	28
28	PRIYANKA KRISHNA DAS	11
29	PUJA SHIVSHANKAR YADAV	13
30	RADHA DINESH TRIVEDI	14
31	RITU PARNA PRATAP DUBEY	15
32	RIYA RAJESH DHAPODKAR	17
33	RUCHI DWARKAPRASAD PATLE	19
34	SAKSHI C. KHOPE	13
35	SAKSHI RAJESH SONKAR	22
36	SAROJ PRADEEP JANGID	23
37	SAYALI BALAJI CHAUDHARI	AB
38	SEJAL PRASHANT AMBATKAR	26
39	SHARVARI PRADEEP THETE	27
40	SHIVALI SHYAM UMBARKAR	13
41	SHIVANI SAMEER KOLHARKAR	16
42	SIDDHI SANTOSH AWALE	16
43	S. G. MATHARU	17
44	SNEHAL SUDHAKAR UPARE	18
45	SRISHTI MANOJ NIMJE	AB
46	S.S. SHARMA	23
47	SUPRIYA SUNIL THAKRE	22
48	SWEETY MOHAN LADHI	25
49	TEJASVINI SHANKAR DOMDE	23
50	TEJASWINI WASUDEV BALKI	22
51	VAISHNAVI JAYANT HIWARKAR	26
52	VAISHNAVI SUNIL BHOSALE	27
53	ABHISHEK B. PANDEY	24
54	AJINKYA RAVINDRA BHISE	22
55	AJINKYA VINAY DANGE	26
56	AJINKYA VISHWAS DAHAT	26
57	AKSHAY RAJESH KHOBRA GADGE	27

58	AKSHIT AVINASH KHOBRADE	28
59	ANSHUL ANAND BHANGE	29
60	ARNAV C. ANDRASKAR	23
61	ARPIT DEEPAK MOTE	11
62	ASHISH PRAVIN MEHAR	12
63	AYUSH ARUN JAISWAL	14
64	DILIP SABHAJEET VERMA	15
65	D.T. KOLHE	16
66	GAURAV K. TIWARI	16
67	HARSH . GOUR	17
68	H.H. PARSHURAMKAR	18
69	HARSHAL KALIDAS DHANDRE	18
70	KRUNAL VIJAY NINAVE	13
71	LEELADHAR A. BANOTHE	21
72	MAYANK ANUPAM BARLA	22
73	MAYUR RAMESHWAR KHAIRKAR	24
74	MIHIR RAVINDRA NAYAK	25
75	MRINAL JAGDISH KAMBLE	26
76	NAGESHWAR SAWJI DAHARE	23
77	NIKHIL SATISH SAUJANI	22
78	NIMISH DEEPAK SHRIMANKAR	12
79	NISHANT SUBHASH TAPRE	14
80	PANKAJ JIYALAL PATLE	15
81	PIYUSH RAJESH NAKSHE	16
82	P.J. CHAWHAN	15
83	PRAJWAL ANIL AMBADE	AB
84	PRANAY SUSHIL THAKRE	19
85	P.R. VINCHURKAR	20
86	PRASAD RAMRAO TALE	22
87	P.D. ATKAR	AB
88	PRITAM PAVITRA DAS	23
89	PURUSHOTTAM B DINESHWAR	24

90	PURUSHOTTAM T. THAKRE	26
91	RAHUL SUDHIR BORKAR	AB
92	RANJEET A. KARMAKAR	12
93	RITIK SUDHIR UNDIRWADE	23
94	ROHAN KISHOR PATINGE	11
95	ROHIT A. DESHBHRATAR	22
96	RUPESH ASHOK KAMTHE	22
97	RUSHIKESH M. GOPHANE	23
98	SAHIL RAJA BINEKAR	24
99	SAURABH ISHWAR RAJURKAR	26
100	SAURABH RAJU PATIL	22
101	S. P. DIYUNDI	12
102	SONU SURYABHAN ZADE	11
103	SUCHIT S. MUKHERJEE	18
104	SUYOG M. KAREMORE	20
105	TANMAY MANOJ MANE	25
106	UTKARSH PRAVIN PATHAK	26
107	V SURYA PRAKASH V NIRMAL	28
108	YASH KRISHNARAO BADE	10
109	GAURAV GOPAL KALAMKAR	23



**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 2018-2019  
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 in VB Script using select case to display name of month corresponding to the entered month as number [05]

**Q.2 UNIT-IV**

**Solve Any Three**

- A. Explain structure of SOAP messages [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  
Academic Session 2018-2019 BCA II Semester-III**

**DIGITAL ELECTRONICS—II UNIT TEST on Unit I & Unit II 11/02/19**

**Name of the teacher :Sagar S.Shende**

Sr. No.	Name	Marks out of 30
1	AKANSHA D. JAWADE	AA
2	ANJALI C. DHONGADE	AA
3	ANKITA SANJAY CHAMBHARE	23
4	A. ASHOK SOLANKI	26
5	ARPITA HEMANT RAUT	09
6	ARTI PARAS BHARADWAJ	02
7	DIVYA SUDHIR YADAV	12
8	GAYATRI SHRIKANT URKUDE	19
9	HIRAL SANTOSH RAIKWAD	23
10	JANHAVI GAJANAN YENURKAR	24
11	JYOTI VINOD SHUKLA	20
12	KANCHAN PRADEEP APTE	ab
13	KRUPA BABANRAO MAHALE	17
14	KRUTIKA ASHWIN LIMBAD	18
15	KRUTIKA SURESH RAUT	16
16	MADHAVI NARESH DHANDE	26
17	MADHURA MUKUND PANDE	16
18	MRUNALI SHARAD BOKADE	17
19	MUSKAN SUSHIL KAMWANI	25
20	NEHA KISHORRAO SURVE	15
21	NEHAL MANOJ CHANDARANA	ab
22	NIKITA YASHWANT GOKHALE	11
23	PHALGUNI C. KHODE	22
24	PINKI DAYARAM YADAV	16
25	POOJA BHARAT SINGH	18
26	PRANALI ASHOK LICHADE	10
27	PRATIKSHA G. PIMPALKAR	13
28	PRIYANKA KRISHNA DAS	12
29	PUJA SHIVSHANKAR YADAV	AA
30	RADHA DINESH TRIVEDI	11
31	RITU PARNA PRATAP DUBEY	22
32	RIYA RAJESH DHAPODKAR	20
33	RUCHI DWARKAPRASAD PATLE	10
34	SAKSHI C. KHOPE	23
35	SAKSHI RAJESH SONKAR	AA
36	SAROJ PRADEEP JANGID	23

37	SAYALI BALAJI CHAUDHARI	21
38	SEJAL PRASHANT AMBATKAR	26
39	SHARVARI PRADEEP THETE	11
40	SHIVALI SHYAM UMBARKAR	26
41	SHIVANI SAMEER KOLHARKAR	22
42	SIDDHI SANTOSH AWALE	11
43	S. G. MATHARU	AA
45	SNEHAL SUDHAKAR UPARE	11
46	SRISHTI MANOJ NIMJE	16
47	S.S. SHARMA	9
48	SUPRIYA SUNIL THAKRE	17
49	SWEETY MOHAN LADHI	23
50	TEJASVINI SHANKAR DOMDE	11
51	TEJASWINI WASUDEV BALKI	25
52	VAISHNAVI JAYANT HIWARKAR	AA
53	VAISHNAVI SUNIL BHOSALE	AA
54	ABHISHEK B. PANDEY	16
55	AJINKYA RAVINDRA BHISE	13
56	AJINKYA VINAY DANGE	16
57	AJINKYA VISHWAS DAHAT	13
58	AKSHAY RAJESH KHOBRADE	22
59	AKSHIT AVINASH KHOBRADE	18
60	ANSHUL ANAND BHANGE	24
61	ARNAV C. ANDRASKAR	20
62	ARPIT DEEPAK MOTE	23
63	ASHISH PRAVIN MEHAR	25
64	AYUSH ARUN JAISWAL	21
65	DILIP SABHAJEET VERMA	AA
66	D.T. KOLHE	10
67	GAURAV K. TIWARI	14
68	HARSH . GOUR	15
69	H.H. PARSHURAMKAR	20
70	HARSHAL KALIDAS DHANDRE	21
71	KRUNAL VIJAY NINAVE	18
72	LEELADHAR A. BANOTHE	13
73	MAYANK ANUPAM BARLA	25
74	MAYUR RAMESHWAR KHAIRKAR	12
75	MIHIR RAVINDRA NAYAK	26
76	MRINAL JAGDISH KAMBLE	24
77	NAGESHWAR SAWJI DAHARE	26
78	NIKHIL SATISH SAUJANI	12
79	NIMISH DEEPAK SHRIMANKAR	24

80	NISHANT SUBHASH TAPRE	00
81	PANKAJ JIYALAL PATLE	13
82	PIYUSH RAJESH NAKSHE	12
83	P.J. CHAWHAN	AA
84	PRAJWAL ANIL AMBADE	20
85	PRANAY SUSHIL THAKRE	23
86	P.R. VINCHURKAR	25
87	PRASAD RAMRAO TALE	15
88	P.D. ATKAR	25
89	PRITAM PAVITRA DAS	11
90	PURUSHOTTAM B DINESHWAR	26
91	PURUSHOTTAM T. THAKRE	21
92	RAHUL SUDHIR BORKAR	16
93	RANJEET A. KARMAKAR	26
94	RITIK SUDHIR UNDIRWADE	17
95	ROHAN KISHOR PATINGE	10
96	ROHIT A. DESHBHRATAR	ab
97	RUPESH ASHOK KAMTHE	11
98	RUSHIKESH M. GOPHANE	21
99	SAHIL RAJA BINEKAR	9
100	SAURABH ISHWAR RAJURKAR	26
101	SAURABH RAJU PATIL	23
102	S. P. DIYUNDI	23
103	SONU SURYABHAN ZADE	13
104	SUCHIT S. MUKHERJEE	12
105	SUYOG M. KAREMORE	AA
106	TANMAY MANOJ MANE	13
107	UTKARSH PRAVIN PATHAK	17
108	V SURYA PRAKASH V NIRMAL	11
109	YASH KRISHNARAO BADE	25
110	GAURAV GOPAL KALAMKAR	AA

**Signature of the Teacher**

**Head**

**Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2018-2019  
BCA II Semester-III  
DIGITAL ELECTRONICS—II Paper—V**

**UNIT TEST on Unit I & Unit II**

Time: 45 min

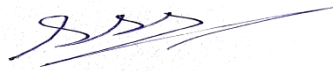
[Maximum Marks: 30]

**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. Am's Science College,  
Congress Nagar, Nagpur



**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2018-2019 BCA II Semester-III  
DIGITAL ELECTRONICS—II UNIT TEST on Unit III & Unit IV 25/04/19  
Name of the teacher :Sagar S.Shende**

Sr. No.	Name	Marks out of 30
1	AKANSHA D. JAWADE	AA
2	ANJALI C. DHONGADE	AA
3	ANKITA SANJAY CHAMBHARE	23
4	A. ASHOK SOLANKI	26
5	ARPITA HEMANT RAUT	9
6	ARTI PARAS BHARADWAJ	2
7	DIVYA SUDHIR YADAV	12
8	GAYATRI SHRIKANT URKUDE	19
9	HIRAL SANTOSH RAIKWAD	23
10	JANHAVI GAJANAN YENURKAR	24

11	JYOTI VINOD SHUKLA	20
12	KANCHAN PRADEEP APTE	ab
13	KRUPA BABANRAO MAHALE	17
14	KRUTIKA ASHWIN LIMBAD	18
15	KRUTIKA SURESH RAUT	16
16	MADHAVI NARESH DHANDE	26
17	MADHURA MUKUND PANDE	16
18	MRUNALI SHARAD BOKADE	17
19	MUSKAN SUSHIL KAMWANI	25
20	NEHA KISHORRAO SURVE	15
21	NEHAL MANOJ CHANDARANA	ab
22	NIKITA YASHWANT GOKHALE	11

23	PHALGUNI C. KHODE	22
24	PINKI DAYARAM YADAV	16
25	POOJA BHARAT SINGH	18
26	PRANALI ASHOK LICHADE	10
27	PRATI KSHA G. PIMPALKAR	13
28	PRIYANKA KRISHNA DAS	12
29	PUJA SHIVSHANKAR YADAV	AA
30	RADHA DINESH TRIVEDI	11
31	RITU PARNA PRATAP DUBEY	22
32	RIYA RAJESH DHAPODKAR	20
33	RUCHI DWARKAPRASAD PATLE	10
34	SAKSHI C. KHOPE	23
35	SAKSHI RAJESH SONKAR	AA
36	SAROJ PRADEEP JANGID	23

37		
	SAYALI BALAJI CHAUDHARI	21
38		
	SEJAL PRASHANT AMBATKAR	26
39		
	SHARVARI PRADEEP THETE	11
40		
	SHIVALI SHYAM UMBARKAR	26
41		
	SHIVANI SAMEER KOLHARKAR	22
42		
	SIDDHI SANTOSH AWALE	11
43		
	S. G. MATHARU	AA
45		
	SNEHAL SUDHAKAR UPARE	11
46		
	SRISHTI MANOJ NIMJE	16
47		
	S.S. SHARMA	9
48		
	SUPRIYA SUNIL THAKRE	17
49		
	SWEETY MOHAN LADHI	23
50		
	TEJASVINI SHANKAR DOMDE	11

51	TEJASWINI WASUDEV BALKI	25
52	VAISHNAVI JAYANT HIWARKAR	AA
53	VAISHNAVI SUNIL BHOSALE	AA
54	ABHISHEK B. PANDEY	16
55	AJINKYA RAVINDRA BHISE	13
56	AJINKYA VINAY DANGE	16
57	AJINKYA VISHWAS DAHAT	13
58	AKSHAY RAJESH KHOBRAGADE	22
59	AKSHIT AVINASH KHOBRAGADE	18
60	ANSHUL ANAND BHANGE	24
61	ARNAV C. ANDRASKAR	20
62	ARPIT DEEPAK MOTE	23
63	ASHISH PRAVIN MEHAR	25
64	AYUSH ARUN JAISWAL	21

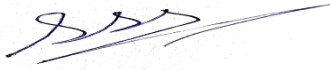
65		
	DILIP SABHAJEET VERMA	AA
66	D.T. KOLHE	10
67	GAURAV K. TIWARI	14
68	HARSH . GOUR	15
69	H.H. PARSHURAMKAR	20
70	HARSHAL KALIDAS DHANDRE	21
71	KRUNAL VIJAY NINAVE	18
72	LEELADHAR A. BANOTHE	13
73	MAYANK ANUPAM BARLA	25
74	MAYUR RAMESHWAR KHAIRKAR	12
75	MIHIR RAVINDRA NAYAK	26
76	MRINAL JAGDISH KAMBLE	24
77	NAGESHWAR SAWJI DAHARE	26

78	NIKHIL SATISH SAUJANI	12
79	NIMISH DEEPAK SHRIMANKAR	24
80	NISHANT SUBHASH TAPRE	0
81	PANKAJ JIYALAL PATLE	13
82	PIYUSH RAJESH NAKSHE	12
83	P.J. CHAWHAN	AA
84	PRAJWAL ANIL AMBADE	20
85	PRANAY SUSHIL THAKRE	23
86	P.R. VINCHURKAR	25
87	PRASAD RAMRAO TALE	15
88	P.D. ATKAR	25
89	PRITAM PAVITRA DAS	11
90	PURUSHOTTAM B DINESHWAR	26
91	PURUSHOTTAM T. THAKRE	21
92	RAHUL SUDHIR BORKAR	16

93	RANJEET A. KARMAKAR	26
94	RITIK SUDHIR UNDIRWADE	17
95	ROHAN KISHOR PATINGE	10
96	ROHIT A. DESHBHRATAR	ab
97	RUPESH ASHOK KAMTHE	11
98	RUSHIKESH M. GOPHANE	21
99	SAHIL RAJA BINEKAR	9
100	SAURABH ISHWAR RAJURKAR	26
101	SAURABH RAJU PATIL	23
102	S. P. DIYUNDI	23
103	SONU SURYABHAN ZADE	13
104	SUCHIT S. MUKHERJEE	12
105	SUYOG M. KAREMORE	AA



106	TANMAY MANOJ MANE	13
107	UTKARSH PRAVIN PATHAK	17
108	V SURYA PRAKASH V NIRMAL	11
109	YASH KRISHNARAO BADE	25
110	GAURAV GOPAL KALAMKAR	AA



**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 2018-2019 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:**

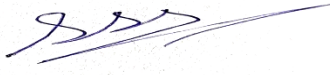
(a) What are the different Arithmetic group instructions available in 8086 mp ? Explain any two arithmetical group instructions with example. 5

(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



**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

