

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

BCA I Semester-II (2019-20)

Programming in c++ Paper-I

Result of Unit Test held on 22/03/2019 on

Unit I and UNIT II

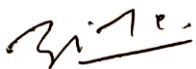
Name of the teacher: A.J.Mungole

Sr. No.	Name	Marks out of 30
1	AAKANSHA GAJANAN THAKARE	12
2	AARTI SHIVRAM TIWARI	22
3	ACHAL KIRAN KHARABE	21
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Signature of the teacher



Head of the Department

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



Science College, Congress Nagar, Nagpur  
Academic Session 2019-2020  
Bachelor of Computer Application (B.C.A) (Semester-II)  
Programming in c++Paper-I  
UNIT TEST on Unit I - II

[ Time: 45 min.]  
]

[Maximum Marks: 30

**UNIT-I**


**QUE. 1. SOLVE ANY THREE**

- a) What is the purpose of static data member ? Explain with example. 5
- b) Write a program to implement class :— (i) Data Members : 5  
Name of cricket Player. (b) Score in last two matches.  
(ii) Member Functions : (a) To assign initial values.  
(b) To compute total and average score.
- c) How will you access the getdata ( ) function ? 5
- d) Explain the access specifiers in C++. 5

**UNIT-II**

**QUE. 1. SOLVE ANY THREE**

- a) What is a constructor ? Explain with example parameterized constructor. 5
- b) Write notes on : (i) Constructor (ii) OR Destructor. 5
- c) Explain operator overloading with example. 5
- d) Explain how unary and binary operators are overloaded. 5



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BCA I Semester-II (2019-20)

Programming in c++ Paper-I

Result of Unit Test held on 02/06/2020 on

Unit III and UNIT IV

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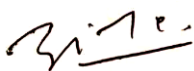
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Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2019-2020**  
**Bachelor of Computer Application (B.C.A) (Semester-II)**  
**Programming in c++Paper-I**  
**UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- |   |   |
|---|---|
| (a) Explain dynamic array declaration and transversing.   | 5 |
| (b) Explain the creation and deletion of Dynamic object.  | 5 |
| (c) Explain multiple inheritance with example.  | 5 |
| (d) Explain constructor in derived class. How is base class constructor called from derived class constructor ? | 5 |

**UNIT-IV**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| (a) What are the rules for virtual functions ?   | 5 |
| (b) Explain when do we make a virtual function "pure" ? What are the implications of making a function a pure virtual function ? | 5 |
| (c) Explain Exception handling model.  | 5 |
| (d) What is a fault ? Explain fault tolerant design techniques.  | 5 |



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

**BCAI Semester-II (2019-20)**

**System Analysis and Design**

**Paper-II**

**Result of Unit Test held on:20/02/2019**

**Unit I and UNIT II**

**Name of the Teacher: Ms. Puja Dadhe**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	Aakansha Gajanan Thakare	22
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13	Divya Bhumeswar Katre	AA
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23	Nurjahan Shaukat Ali	23
24	Pooja Murlidhar Shende	AA
25	Prachi Vinod Chauhan	AA
26	Pranjal Manoj Manchalwar	AA
27	Radhika Umesh Deshkar	AA
28	Reshma Nilkumar Bhagatkar	21
29	Ria Shailesh Saxena	21
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93	Sahil Vijay Burde	14
94	Sarvesh Nanaji Sangolkar	19
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**Signature of the Teacher**



**Head  
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Academic Session 2019-2020  
Bachelor of computer Application (BCA) (Semester-II)  
Paper-II  
System Analysis and Design

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 30**

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- |   |   |
|---|---|
| (A) What is System? Explain the characteristics of computerised information system. | 5 |
| (B) Explain SDLC.   | 5 |
| (C) What is Feasibility? Explain its types.   | 5 |
| (D) What is Data collection?  | 5 |

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

- |  |   |
|--|---|
| (A) List the different information gathering tools? Explain any one in detail. | 5 |
| (B) What is feasibility study? Give importance of it.                          | 5 |
| (C) Discuss the preliminary investigation phase in brief.                      | 5 |
| (D) Explain decision table with suitable example.                              | 5 |



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**BCAI Semester-II (2019-20)**

**System Analysis and Design**

**Paper-II**

**Result of Unit Test held on 8/03/2020**

**Unit III and UNIT IV**

**Name of the Teacher: Ms. Puja Dadhe**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
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80	Piyush Pandurang Ghate	25
81	Prasad Vinay Nirale	29
82	Prathamesh Dharmadhikari	27
83	Prathmesh Rahul Kurumkar	17
84	Pratik Manoj Netke	20
85	Prayank Anil Lanjewar	28
86	Rahul V Bodhankar	14
87	Rajnikant Radheshyam Parate	17
88	Ritesh Pradeep Dafale	25
89	Ritik Balesh Kakde	17
90	Rupam Tekram Katre	29
91	Rutvik Atul Saraf	AA
92	Safdar Akbar Ali	14
93	Sahil Vijay Burde	25
94	Sarvesh Nanaji Sangolkar	18
95	Shashwat Haribhau Shinde	24
96	Shreyash Kamlesh Rawat	19
97	Shreyash Umakant Urkude	16
98	Shubham Madhukar Kalbande	20
99	Shubham Matsyendra Tiwari	15
100	Shubham Namdeo Ramteke	28
101	Suraj Pandhari Khamankar	23
102	Swapnil Sanjay Parkhi	23
103	Tanmay Sunil Khedikar	26
104	Tanoj Khushilal Baghele	19
105	Tejas Sheshrao Thakre	12
106	Tejas Taresh Sakharkar	23
107	Vedant Ajay Deorankar	28
108	Vinay Dilip Bisane	14
109	Vipul Holendra Bisen	12
110	Viraj Ganpat Masulkar	24
111	Vishal Kunjilal Pardhi	26
112	Vishrut Ganesh Bhoyar	24
113	Vivek Mulchand Kukade	19
114	Yash Sudhakar Bobade	20
115	Yash Sunil Sewatkar	18

116	Yash Vasanta Gomkale	11
117	Yash Vijayrao Gomase	16
118	Yash Yuvraj Atkare	13
119	Yogesh Prabhakar Meshram	27



**Signature of the Teacher**



**Head  
Department of Computer Science**



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

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2019-2020  
Bachelor of computer Application (BCA) (Semester-II)  
Paper-II  
System Analysis and Design

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 30**

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| (A) Explain the concept of dynamic linking.  | 5 |
| (B) Explain the different memory management requirements.                            | 5 |
| (C) Write short notes on: (i) Paging (ii) Compaction                                 | 5 |
| (B) What is swapping? Explain swapin and swapout process with well labelled diagram. | 5 |

**UNIT-IV**

**QUE. 2. SOLVE ANY THREE**

- |  |   |
|--|---|
| (A) Explain the term Disc buffering in detail. | 5 |
| (B) Explain various file accessing methods.    | 5 |
| (C) What is cryptography? Explain.             | 5 |
| (D) Explain Digital Signature.                 | 5 |



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**Department of Computer Science**



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Congress Nagar, Nagpur



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SCIENCECOLLEGE,CONGRESSNAGAR,NAGPUR.

BCA I Semester-II (2019-20)

Numerical Methods Paper-III

Result of Unit Test held on 11/03/2020 on

Unit I and UNIT II

Name of the teacher:S.M. Sherekar

Sr. No.	Name	Marks outof30
1	AAKANSHAGAJANANTHAKARE	25
2	AARTISHIVRAMTIWARI	12
3	ACHALKIRANKHARABE	20
4	ANCHALPRAMOD THAKUR	28
5	ANUSHKAANILSHIVANAND	5
6	BATULMUFAZZALFIDVI	AB
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*Smo*

*[Signature]*

Signature of the Teacher

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S.S.E.S. Amravati's Science College,  
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Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2019-2020  
Bachelor of Computer Application (B.C.A) (Semester-II)  
Numerical Methods Paper-III  
UNIT TEST on Unit I- II

[ Time: 45 min.]

[Maximum Marks: 30 ]

UNIT-I

QUE. 1. SOLVE ANY THREE

1. Prove that Bisection method is linearly convergent. 5
2. Find a root of the equation  $4x^3 - 2x - 6 = 0$  by using Secant method. 5
3. Use the false position method to find a root of the equation  $x^3 - 3x + 4 = 0$  in the range  $-2 < x < -3$  5
4. Find a root of the equation  $x^3 - 2x - 5 = 0$  by using Newton Raphson method. 5

UNIT-II

QUE. 2. SOLVE ANY THREE

1. Solve the following system of equation by using Gauss Elimination method :

$$2x + y + z = 10$$

$$3x + 2y + 3z = 18$$

$$x + 4y + 9z = 16$$

5

2. Solve the equations using Gauss Jordan Method :

$$x + y + z = 9$$

$$2x - 3y + 4z = 13$$

$$3x + 4y + 5z = 40$$

5

3. Solve by Gauss-Jordan Reduction method :—

$$2x_1 + 4x_2 - 6x_3 = -8$$

$$x_1 + 3x_2 + x_3 = 10$$

$$2x_1 - 4x_2 - 2x_3 = -12$$

5

4. Discuss the Gauss elimination method with pivoting to solve the linear system of equations. 5

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SCIENCECOLLEGE, CONGRESSNAGAR, NAGPUR.  
BCAISemester-II(2019-20)**

**NUMERICAL METHODS Paper-III**

**ResultofUnitTestheldon 29/04/2020 on  
Unit III and UNIT IV**

**Name of the teacher: S.M. Sherekar**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks outof30</b>
1	AAKANSHAGAJANANTHAKARE	16
2	AARTISHIVRAMTIWARI	21
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**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 2019-2020**  
**Bachelor of Computer Application (B.C.A) (Semester-II)**  
**NUMERICAL METHODS Paper-III**  
**UNIT TEST on Unit III- IV**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

1. What is Spline Interpolation ? Discuss with linear splines. 5

2. Use the Lagrange's interpolation formula to find  $f(4)$  from the following data :

X	0	2	3	6
F(x)	-4	2	14	158

5

3. Use the method of least square fit to fit a curve of the form  $y = ae^{bx}$  to the data :

X	1	2	3	4
F(x)	1.65	2.70	4.50	7.35

5

4. Fit a second order polynomial to the following data :

X	1.0	2.0	3.0	4.0
F(x)	6.0	11.0	18.0	27.0

5

**UNIT-IV**

**QUE. 2. SOLVE ANY THREE**

1. Use Simpson's 3/8 rule to evaluate  $\int_0^2 (x^3 + 1)dx$ , for four sample points. 5

2. Use fourth order Runge-Kutta method to estimate  $y(0.4)$  when  $y'(x) = x^2 + y^2$  with  $y(0) = 0$ . Assume  $h = 0.2$ . 5

3. Explain Milne-Simpson multistep method for solving ordinary differential equations. 5

4. Using Trapezoidal rule of Integration find approximately the area of cross section of a river from the following table of distance  $x$  and the depth  $y$  :

x	: 0	10	20	30	40	50	60	70	80
y	: 0	4	7	9	12	15	14	8	3

5



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.  
BCA I Semester-II (2019-20)  
Discrete Mathematics-II  
Paper-IV  
Result of Unit Test held on 26/02/2020 on  
Unit I and UNIT II**

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

Sr. No.	Name	Marks out of 30
1	Aakansha Gajanan Thakare	20
2	Aarti Shivram Tiwari	AB
3	Achal Kiran Kharabe	20
4	Anchal Pramod Thakur	20
5	Anushka Anil Shivanand	9
6	Batul Mufazzal Fidvi	23
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26	Pranjal Manoj Manchalwar	13
27	Radhika Umesh Deshkar	16
28	Reshma Nilkumar Bhagatkar	9
29	Ria Shailesh Saxena	28
30	Roshni Babbu Shukla	16
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80	Piyush Pandurang Ghate	17
81	Prasad Vinay Nirale	16
82	Prathamesh Dharmadhikari	21
83	Prathmesh Rahul Kurumkar	16
84	Pratik Manoj Netke	9
85	Prayank Anil Lanjewar	17

86	Rahul V Bodhankar	15
87	Rajnikant Radheshyam Parate	20
88	Ritesh Pradeep Dafale	26
89	Ritik Balesh Kakde	AB
90	Rupam Tekram Katre	20
91	Rutvik Atul Saraf	13
92	Safdar Akbar Ali	6
93	Sahil Vijay Burde	14
94	Sarvesh Nanaji Sangolkar	12
95	Shashwat Haribhau Shinde	AB
96	Shreyash Kamlesh Rawat	16
97	Shreyash Umakant Urkude	27
98	Shubham Madhukar Kalbande	28
99	Shubham Matsyendra Tiwari	9
100	Shubham Namdeo Ramteke	9
101	Suraj Pandhari Khamankar	22
102	Swapnil Sanjay Parkhi	14
103	Tanmay Sunil Khedikar	27
104	Tanoj Khushilal Baghele	25
105	Tejas Sheshrao Thakre	9
106	Tejas Taresh Sakharkar	11
107	Vedant Ajay Deorankar	11
108	Vinay Dilip Bisane	AB
109	Vipul Holendra Bisen	13
110	Viraj Ganpat Masulkar	9
111	Vishal Kunjilal Pardhi	26
112	Vishrut Ganesh Bhoyar	21
113	Vivek Mulchand Kukade	26
114	Yash Sudhakar Bobade	28
115	Yash Sunil Sewatkar	10
116	Yash Vasanta Gomkale	15
117	Yash Vijayrao Gomase	12
118	Yash Yuvraj Atkare	10
119	Yogesh Prabhakar Meshram	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 2019-2020  
Bachelor of computer Application (BCA) (Semester-I)  
Paper-IV  
DISCRETE MATHEMATICS - II

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 30**

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

1. Explain the operation of set and its types with examples. 5
2. Let R and S be relations from A to B. If  $R(a) = S(a)$  for all a in A, then prove that  $R = S$ . 5
3. Let  $A = \{1, 2, 3, 4\}$  and R is relation statement  $R = \{(x, y) / x > y\}$  find  $M_R$  and draw diagram. 5
4. If  $A = \{1, 2, 3, 4\}$   
 $R = \{(1, 1), (1, 2), (2, 3), (2, 4), (3, 4), (4, 1), (4, 2)\}$ .  
Find  $R^2$  and  $R^\infty$ . 5

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

1. State and prove the pigeonhole principle with example. 5
2. Prove by Mathematical induction  
$$p(n) = 5 + 10 + 15 + \dots + 5n = \frac{5n(n+1)}{2}$$
. 5
3. Let  $A_1, A_2, \dots, A_n$  be any n sets. Show by Mathematical induction that :  
$$\bigcap_{i=1}^n A_i = \overline{\bigcup_{i=1}^n \overline{A_i}}$$
 □ 5
4. Find sequence defined by the recurrence relation :  
$$c_n = {}^4c_{n-1} + {}^5c_{n-2}$$
  
$$c_1 = 2 \text{ \& } c_2 = 6$$
 5



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

**BCA I Semester-II (2019-20)**

**Discrete Mathematics-II**

**Paper-IV**

**Result of Unit Test held on 27/05/2020 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	17
2	Aarti Shivram Tiwari	14
3	Achal Kiran Kharabe	21
4	Anchal Pramod Thakur	20
5	Anushka Anil Shivanand	19
6	Batul Mufazzal Fidvi	16
7	Bhedika Sanjay Gotaphode	24
8	Deepali Sunil Choudhari	13
9	Dhanashree Manish Bhatgare	25
10	Dhanashri Sanjay Hulkey	6
11	Dhanshree G Pawade	12
12	Diksha Nandkishor Manekar	6
13	Divya Bhumeswar Katre	28
14	Divya Sudhakar Pawar	AB
15	Gauri Induram Wanare	13
16	Harshali Sambhaji Kale	20
17	Kirti Omrao Tulshikar	5
18	Mitali Ajay Bonde	12
19	Mokshada Ravindra Dapewar	16
20	Nayanshree Deepak Daf	28
21	Nikita Manoj Gadve	20
22	Nishtha Rakesh Martha	15
23	Nurjahan Shaukat Ali	18
24	Pooja Murlidhar Shende	22
25	Prachi Vinod Chauhan	25
26	Pranjal Manoj Manchalwar	14
27	Radhika Umesh Deshkar	13
28	Reshma Nilkumar Bhagatkar	24
29	Ria Shailesh Saxena	18
30	Roshni Babbu Shukla	19
31	Rupam T Dubey	AB
32	Sakshi Kishor Dhomane	18
33	Sakshi Surendra Ladkar	17
34	Samiksha Sanjay Shingode	23
35	Sanskruiti Sanjay Bhokre	21
36	Sejal Prakash Khelkar	26
37	Shalini Dinesh Ganvir	11
38	Shraddha Dayaram Kumbhre	5

39	Shruti Surendra Khoware	17
40	Shruti Yogesh Nagardhankar	AB
41	Sojwal Dinesh Dangre	AB
42	Sonal Umesh Bitale	22
43	Swati Narsh Sayam	28
44	Tanaya Mahendra Kshirsagar	8
45	Tejaswini Rajesh Hinganekar	20
46	Urshala Darshan Arora	27
47	Vaishnavi Arun Chaudhari	26
48	Vaishnavi Sanjay Shastrakar	23
49	Vaishnavi Subhash Manmode	9
50	Vineeta Ganesh Pawar	20
51	Aayush Vinod Satpute	14
52	Abhishek Rajendra Bangre	18
53	Ajit Dasaram Shende	23
54	Alok Kuwarlal Jamaiwar	8
55	Aman Mukesh Raut	10
56	Anurag Rajesh Ganjare	21
57	Arya Vipin Vairagare	20
58	Asang Purvesh Nandeshwar	27
59	Atharva Laxmikant Ambekar	AB
60	Atharva Subhash Gaurihar	AB
61	Avinash Sanjayrao Thakare	10
62	Ayush Nandesh Dhakne	14
63	Bharat Manohar Kamble	19
64	Chaitanya Shyam Vibhute	14
65	Digvijay Sanjay Rao Dahikar	15
66	Harsh Sudeep Vishwakarma	16
67	Harshal N Asampelli	14
68	Himanshu Keshav Sumbekar	10
69	Himanshu Suresh Badre	12
70	Ishant Vasanta Sontakke	14
71	Jagdish Balaji More	28
72	Kaushik Bharat Borkute	18
73	Khushal Sanjay Goje	13
74	Kunal Mahesh Kaushik	21
75	Lalit Madhav Shete	20
76	Manish Hemraj Khairkar	21
77	Mohit Vijay Kashyap	AB
78	Nishant Sandip Itankar	AB
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115	Yash Sunil Sewatkar	AB
116	Yash Vasanta Gomkale	24
117	Yash Vijayrao Gomase	AB
118	Yash Yuvraj Atkare	AB
119	Yogesh Prabhakar Meshram	8



**Signature of the Teacher**



**Head  
Department of Computer Science**



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



Shri Shivaji Education Society Amravati's  
**Science College, Congress Nagar, Nagpur**  
 Academic Session 2019-2020  
 Bachelor of computer Application (BCA) (Semester-II)  
 Paper-IV  
**DISCRETE MATHEMATICS - II**  
**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 30**

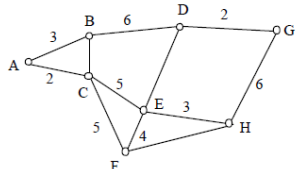
**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- 1 Let T be the set of all even integers. Show that the semigroups  $(\mathbb{Z}, +)$  and  $(T, +)$  are isomorphic. 5
- 2 Let G be a group and let a and b be elements of G then prove that :  
 (i)  $(a^{-1})^{-1} = a$   
 (ii)  $(ab)^{-1} = b^{-1} a^{-1}$ . 5
- 3 Let G be a set of all non-zero real numbers and let  $a * b = \frac{ab}{2}$  then show that  $(G, *)$  is an abelian group. 5
- 4 Let R be a congruence relation on the group  $(G, *)$ . Prove that the semigroup  $(G/R, \otimes)$  is a group where the operation  $\otimes$  is defined on  $G/R$  by  $[a] \otimes [b] = [a * b]$ . 5

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

1. Define:  
 (1) Graph (2) Subgraph (3) Quotient graph  
 (4) Connected graph (5) Degree of the vertex. 5
- 2 Prove that if G is connected and has exactly two vertices of odd degree, there is an Euler Path in G. 5
- 3 Find the Hamiltonian circuit for the graph given below :  
 5
- 4 Let L be a lattice, prove that  $a \sqcap (b \sqcup c) = (a \sqcap b) \sqcup (a \sqcap c)$ . 5



**Signature of the Teacher**



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**BCA I Semester-II(2019-20)**

**Electronic Commerce Paper-VI**

**Result of Unit Test held on 22/2/2020 on Unit I and Unit II**

**Name of the teacher: Manisha M. Chawle**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30 in Unit I-II</b>
1	Ali Nurhahan Shaukat	16
2	Ambekar Atharva Laxmikant	24
3	Arora Urshala Darshan	7
4	Asampelli Harshal Namdeo	9
5	Badre Himanshu Suresh	12
6	Baghele Tanoj Khushilal	24
7	Bangre Abhishek Rajendra	21
8	Bhagatkar Reshma Nilkumar	15
9	Bhatgare Dhanashree Manish	16
10	Bhokre Sansruti Sanjay	28
11	Bhoyar Vishrut Ganesh	16
12	Bisane Vinay Dilip	11
13	Bisen Vipul Holendra	21
14	Bitale Sonal Umesh	16
15	Bobade Yash Sudhakar	27
16	Bodhankar Rahul Vilas	19
17	Bonde Mitali Ajay	21
18	Borkute Kaushik Bharat	10
19	Burde Sahil Vijay	22
20	Chauhan Prachi Vinod	15
21	Choudhari Deepali Sunil	21
22	Daf Nayanshree Dipak	8
23	Dafale Ritesh Pradeep	25
24	Dahikar Digvijay Sanjayrao	12
25	Dangre Sojwal Dinesh	29
26	Dapewar Mokshada Ravindra	19
27	Deorankar Vedant Ajay	28
28	Deshkar Radhika Umesh	7
29	Dhakane Ayush Nandesh	7
30	Dharmadhikari Prathmesh Mangesh	16
31	Dhomane Sakshi Kishor	24

32	Dubey Rupam Tarurendra	5
33	Fidvi Batul Mufazzal	12
34	Gadve Nikita Manoj	29
35	Ganjare Anurag Rajesh	5
36	Ganvir Shalini Dinesh	23
37	Gaurihar Atharva Subhash	26
38	Ghate Piyush Pandurang	11
39	Goje Khushal Sanjay	8
40	Gomase Yash Vijayrao	20
41	Gomkale Yash Vasanta	6
42	Gotaphode Bhedika Sanjay	29
43	Hinganekar Tejaswini Rajesh	20
44	Hulkey Dhanashri Sanjay	9
45	Itankar Alok Kuwarlal	27
46	Jamaiwar Alok Kuwarlal	20
47	Kale Harshali Sambhaji	7
48	Kamble Bharat Manohar	28
49	Kashyap Mohit Vijay	30
50	Katre Divya Bhumeswar	29
51	Katre Rupam Tekram	18
52	Kaushik Kunal Mahesh	5
53	Khairkar Manish Hemraj	23
54	Khamankar Suraj Pandhari	29
55	Kharabe Aachal Kiran	21
56	Khedikar Tanmay Sunil	23
57	Khelkar Sejal Prakash	25
58	Khoware Shruti Surendra	13
59	Kshirsagar Tanaya Mahendra	18
60	Kukade Vivek Mulchand	15
61	Kumbhre Shraddha Dayaram	28
62	Kurumkar Prathmesh Rahul	11
63	Ladkar Sakshi Surendra	9
64	Lanjewar Prayank Anil	30
65	Manchalwar Pranjal Manoj	16
66	Manekar Diksha Nandkishor	7
67	Manmode Vaishnavi Subhash	13
68	Martha Nishtha Rakesh	11
69	Masulkar Viraj Ganpat	22
70	Meshram Yogesh Prabhakar	22

71	More Jagdish Balaji	28
72	Nagardhankar Shruti Yogesh	20
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83	Raut Aman Mukesh	25
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85	Satpute Aayush Vinod	25
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87	Sayam Swati Naresh	25
88	Sewatkar Yash Sunil	17
89	Shastrakar Vaishnavi Sanjay	14
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92	Shete Allit Madhav	17
93	Shinde Shashwat Haribhau	18
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96	Shukla Roshni Babbu	15
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100	Tiwari Aarti Shivram	7
101	Tiwari Shubham Matsyendra	14
102	Tulshikar Kirti Omrao	17
103	Urkude Shreyash Umakant	19
104	Vairagare Arya Vipin	9
105	Vibhute Chaitanya Shyam	16
106	Vishwakarma Harsh Sudeep	22
107	Wanare Gauri Induram	7

*M. H. Sawade*

**Signature of the Teacher**



**Head  
Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2019-2020  
Bachelor of Computer Application (B.C.A) (Semester-II)  
Electronic Commerce Paper-VI  
UNIT TEST on Unit I - II**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-I**

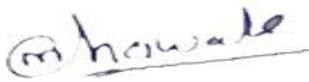
**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1. Write notes on : i) Trade cycle ii) E markets.      | 5 |
| 2. Differentiate between value chain and supply chain. | 5 |
| 3. Explain applications of E commerce.                 | 5 |
| 4. Explain the scope of electronic commerce.           | 5 |

**UNIT-II**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1. Explain porters model in detail.          | 5 |
| 2. What are the strategic implication of IT. | 5 |
| 3. Discuss business capability.              | 5 |
| 4. Explain E commerce evaluation.            | 5 |



**Signature of the Teacher**



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**BCA I Semester-II(2019-20)**

**Electronic Commerce Paper-VI**

**Result of Unit Test held on 25/4/2020 on Unit III and Unit IV**

**Name of the teacher: Manisha M. Chawle**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30 in Unit III-IV</b>
1	Ali Nurhahan Shaukat	AA
2	Ambekar Atharva Laxmikant	20
3	Arora Urshala Darshan	AA
4	Asampelli Harshal Namdeo	AA
5	Badre Himanshu Suresh	11
6	Baghele Tanoj Khushilal	20
7	Bangre Abhishek Rajendra	1
8	Bhagatkar Reshma Nilkumar	10
9	Bhatgare Dhanashree Manish	AA
10	Bhokre Sansruti Sanjay	AA
11	Bhoyar Vishrut Ganesh	16
12	Bisane Vinay Dilip	11
13	Bisen Vipul Holendra	21
14	Bitale Sonal Umesh	6
15	Bobade Yash Sudhakar	2
16	Bodhankar Rahul Vilas	AA
17	Bonde Mitali Ajay	21
18	Borkute Kaushik Bharat	10
19	Burde Sahil Vijay	22
20	Chauhan Prachi Vinod	AA
21	Choudhari Deepali Sunil	2
22	Daf Nayanshree Dipak	18

23	Dafale Ritesh Pradeep	25
24	Dahikar Digvijay Sanjayrao	12
25	Dangre Sojwal Dinesh	29
26	Dapewar Mokshada Ravindra	19
27	Deorankar Vedant Ajay	AA
28	Deshkar Radhika Umesh	7
29	Dhakane Ayush Nandesh	7
30	Dharmadhikari Prathmesh Mangesh	AA
31	Dhomane Sakshi Kishor	24
32	Dubey Rupam Tarurendra	5
33	Fidvi Batul Mufazzal	12
34	Gadve Nikita Manoj	00
35	Ganjare Anurag Rajesh	5
36	Ganvir Shalini Dinesh	23
37	Gaurihar Atharva Subhash	26
38	Ghate Piyush Pandurang	11
39	Goje Khushal Sanjay	AA
40	Gomase Yash Vijayrao	20
41	Gomkale Yash Vasanta	AA
42	Gotaphode Bhedika Sanjay	29
43	Hinganekar Tejaswini Rajesh	20
44	Hulkey Dhanashri Sanjay	9
45	Itankar Alok Kuwarlal	11
46	Jamaiwar Alok Kuwarlal	20
47	Kale Harshali Sambhaji	AA
48	Kamble Bharat Manohar	AA
49	Kashyap Mohit Vijay	30



50	Katre Divya Bhumeswar	29
51	Katre Rupam Tekram	18
52	Kaushik Kunal Mahesh	15
53	Khairkar Manish Hemraj	23
54	Khamankar Suraj Pandhari	AA
55	Kharabe Aachal Kiran	21
56	Khedikar Tanmay Sunil	23
57	Khelkar Sejal Prakash	25
58	Khoware Shruti Surendra	13
59	Kshirsagar Tanaya Mahendra	AA
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75	Nirale Prasad Vinay	AA
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77	Parate Rajnikant Radheshyam	20
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90	Shende Ajit Dasaram	15
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93	Shinde Shashwat Haribhau	18
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95	Shivanand Anushka Anil	25
96	Shukla Roshni Babbu	15
97	Sontakke Ishant Vasanta	5
98	Thakare Avinash Sanjayrao	28
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102	Tulshikar Kirti Omrao	17
103	Urkude Shreyash Umakant	19

104	Vairagare Arya Vipin	9
105	Vibhute Chaitanya Shyam	16
106	Vishwakarma Harsh Sudeep	22
107	Wanare Gauri Induram	17

*Wanare*

Signature of the Teacher



**Head  
Department of Computer Science**

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

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Electronic Commerce Paper-VI  
UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-III**

**QUE. 1. SOLVE ANY THREE QUESTIONS:**

- |   |   |
|---|---|
| 1.What is E market? Explain.                    | 5 |
| 2.What is electronic data interchange? Explain. | 5 |
| 3.Describe the future of e markets.             | 5 |
| 4. Explain credit transaction trade cycle.      | 5 |

**UNIT-IV**

**QUE. 1. SOLVE ANY THREE QUESTIONS:**

- |  |   |
|--|---|
| 1.Explain consumer trade transaction in e commerce.              | 5 |
| 2. Write short note on e shop.                                   | 5 |
| 3. What is e visibility? Write the reason of e visibility.       | 5 |
| 4. What is the meaning of online payments? Define its need also. | 5 |



**Signature of the Teacher**



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

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

**Bachelor of Computer Application**

**B.C.A. I Semester-I (2019-20)**

**LINUX OPERATING SYSTEM Paper-V**

**Result of Unit Test held on 12/03/2019 on Unit I & II**

**Name of the teacher: Trishala Kanholikar**

Sr. No.	Name of the Students	Marks out of 30
1	Aakansha Gajanan Thakare	23
2	Aarti Shivram Tiwari	18
3	Aayush Vinod Satpute	10
4	Abhishek Rajendra Bangre	24
5	Achal Kiran Kharabe	15
6	Ajit Dasaram Shende	26
7	Alok Kuwarlal Jamaiwar	13
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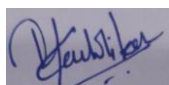
24	Dhanashri Sanjay Hulkey	24
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119	Yogesh P. Meshram	24



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
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**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2019-2020**

**B.C.A. I Semester-II (2019-20)**

**Linux Operating System Paper-V  
UNIT I & UNIT II**

[Time: 48 min.]

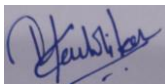
[Maximum Marks: 30]

**Que 1] Solve any three questions.**

1. What is backup ? Explain backup and restoring the file system in LINUX O.S
2. Write short note on spawning process 5
3. Explain file system in Linux. 5
4. Discuss the structure of LINUX operating system. 5

**Que 2] Solve any three questions**

1. Write steps for sending files to printers in LINUX. 5
2. Explain command and insert mode in Vi editor. 5
3. Explain how files are compressed and uncompressed using gunzip and gzip command. 5
4. Write steps to FORMAT floppy disk in Linux Operating System. 5



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**B.C.A. I Semester-I (2019-20)**

**LINUX OPERATING SYSTEM Paper-V**

**Result of Unit Test held on 12/04/2020 on Unit III & IV**

**Name of the teacher: Trishala Kanholikar**

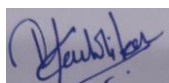
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**B.C.A. I Semester-II (2019-20)**

**LINUX OPERATING SYSTEM-V**

**UNIT III & UNIT IV**

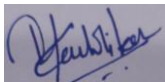
[Time: 48 min.] [Maximum Marks: 30]

**Que 1. Solve any three**

1. Explain top utility in detail. 5
2. Explain the following commands : 5  
(i) Chmod (ii) Chown.
3. Write steps to create a group account. 5
4. Define Process. Explain types of processes. 5

**Que 2. Solve any three**

1. Explain df and du command with syntax and example. 5
2. Write steps to locate unused files in Linux. 5
3. Explain KDE Desktop environment in brief. 5
4. Explain purpose and syntax of write and wall command. 5



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