

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
BCA I Semester-II (2023-24)**

**Programming in c++ Paper-I
Result of Unit Test held on 11/03/2024 on
Unit I and UNIT II**

Name of the teacher: R . M . Ganvir

Sr. No.	Name	Marks out of 30
1	ADITI NANDKUMAR VAIRALE	16
2	ANUSHKA SURAJ SHENDE	24
3	APEKSHA JAYDEO MANWATKAR	AB
4	ANJALI RAMKRUSHNA JOGI	19
5	ARYA KISHOR RAUT	AB
6	CHAHAT EKLESHSINGH THAKUR	24
7	DEVASHRI GOPAL GARADE	21
8	DIYA PRAKASH THAKRE	AB
9	HARSHITA MADAN SUTHAR	16
10	HARSHIKA AJESH GUPTA	28
11	HRUTUJA SANDIP DHOBLE	16
12	ISHA YOGENDRA SINGH	11
13	JANHVI PRASHANTRAO MEDPILWAR	21
14	JAGRUTI KAILAS WARKADE	16
15	JANHAVI NARENDRA DUKE	27
16	JUHI RAJENDRA TALHAR	19
17	KAJOL DILIPKUMAR PATLE	21
18	KANAKSHRI PRAVIN TEMBHEKAR	10
19	KASAK SUNIL KAMDI	22
20	KALYANI MADHUKAR NAKHATE	15
21	KHUSHALI SANJIVKUMAR BHAGAT	AB
22	KIRTEE RUPKUMAR YEDE	8
23	MAHI HARISH BATRA	25
24	MANJIRI RAJENDRA KALE	AB
25	MAYURI RAMESH AKKEWAR	29

26	MAITHILI SANDEEP PANCHABHAI	19
27	MOHINI SATISH LANDE	28
28	NANDINI RAMESHWAR HEDAOO	7
29	NATASHA SANTOSH DEVLEKAR	7
30	NISHITA ASHUTOSH PANDEY	16
31	NANDINI NIRMESH PRAJAPATI	24
32	NEHA KISHOR MATE	5
33	NISHA ARJUN GAJABE	12
34	OJASVI SURESH KHOPE	29
35	PALAK SACHIN DHOMNE	AB
36	PAYAL DILIP BHAMBHOLE	AB
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40	PRANALI MOHAN MAHURE	20
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42	RIYA TARUN KUMAR DAS	AB
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57	SRUSHTI PURUSHOTTAM VAIDYA	AB

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109	YASH ANIL PATIL	9
110	YASH MANOJ DAHAKE	AB

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



**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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

- | | |
|-----------------------------------------------------------|---|
| 1. Explain features of OOPS. | 5 |
| 2. What is an object ? how are objects created ? Explain. | 5 |
| 3. Write short note on static data member. | 5 |
| 4. Write a note on access specifiers. | 5 |

UNIT-II

QUE. 1. SOLVE ANY THREE

- | | |
|-----------------------------------------------------------------------------------------|---|
| 1. What is constructor ? Explain syntax for defining constructor with suitable example. | 5 |
| 2. What is operator overloading ? Explain rules for operator overloading. | 5 |
| 3. What is Destructor ? Explain features of destructor using suitable example. | 5 |
| 4. Explain the mneed of copy constructor with example. | 5 |



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SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S

SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.

BCA I Semester-II (2023-24)

Programming in c++ Paper-I

Result of Unit Test held on 29/04/2024 on

Unit III and UNIT IV

Name of the teacher: R . M . Ganvir

Sr. No.	Name	Marks out of 30
1	ADITI NANDKUMAR VAIRALE	7
2	ANUSHKA SURAJ SHENDE	24
3	APEKSHA JAYDEO MANWATKAR	26
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Signature of the teacher



Head of the Department

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Congress Nagar, Nagpur



Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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-I

QUE. 1. SOLVE ANY THREE

1. What is inheritance ? Explain single inheritance with a suitable example. 5
2. Explain multilevel inheritance with syntax and example. 5
3. What is dynamic object ? Write a program to illustrate the use of dynamic object. 5
4. Write a program to illustrate the use of this pointer. 5

UNIT-II

QUE. 1. SOLVE ANY THREE

1. What is virtual function ? Give rules of defining virtual function. 5
2. Explain fault tolerant design techniques. 5
3. What is virtual function ? Give rules of defining virtual function. 5
4. What is exception handling ? Give list of exceptions. 5



Signature of the teacher



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
BCA-I Semester-II (2023-24)
System Analysis and Design
Paper-II
Result of Unit Test held on: 23/02/2024
Unit I and UNIT II**

Name of the Teacher: Ms. Puja M. Dadhe

Sr. No.	Name	Marks out of 30
1	Aditi Nandkumar Vairale	22
2	Anushka Suraj Shende	22
3	Apeksha Jaydeo Manwatkar	23
4	Anjali Ramkrushna Jogi	AA
5	Arya Kishor Raut	21
6	Chahat Ekleshsingh Thakur	11
7	Devashri Gopal Garade	19
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18	Kanakshri Pravin Tembhekar	21
19	Kasak Sunil Kamdi	15
20	Kalyani Madhukar Nakhate	AA
21	Khushali Sanjivkumar Bhagat	17
22	Kirtee Rupkumar Yede	11
23	Mahi Harish Batra	21
24	Manjiri Rajendra Kale	15
25	Mayuri Ramesh Akkewar	15
26	Maithili Sandeep Panchabhai	AA
27	Mohini Satish Lande	23
28	Nandini Rameshwar Hedaoo	10
29	Natasha Santosh Devlekar	14
30	Nishita Ashutosh Pandey	15
31	Nandini Nirmesh Prajapati	14

32	Neha Kishor Mate	22
33	Nisha Arjun Gajabe	25
34	Ojasvi Suresh Khope	AA
35	Palak Sachin Dhomne	AA
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46	Ravina Raju Atrahe	29
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48	Rutika Dhananjay Chavan	24
49	Sakshi Rajendra Gondane	27
50	Sakshi Sunil Patil	AA
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54	Saniya Parimal Bala	11
55	Shivani Laxmikant Rawat	AA
56	Shreya Chandrakirti Meshram	20
57	Srushti Purushottam Vaidya	26
58	Swati Digambar Bisen	25
59	Shrawani Kiran Rajgure	AA
60	Surbhi Sharad Bhiwgade	25
61	Tanmayi Nitin Dhabekar	22
62	Trupti Ashok Sarve	18
63	Vaishnavi Rajendra Charde	11
64	Vishakha Satish Tajne	24
65	Aditya Prashant Jodh	AA
66	Aman Satish Mankar	AA
67	Amit Devendra Lamse	12
68	Ankush Shankar Kanojiya	26
69	Atul Kumar Sachidanand Singh	14
70	Ayur Khumendra Mendhe	17
71	Aniket Satishrao Jakkanwar	20
72	Bhavesh Pramod Mankar	23

73	Chetan Murlidhar Zade	AA
74	Devesh Ghansham Sahare	24
75	Dhiraj Giridhar Buddhe	24
76	Divyanshu Sanjay Dohale	27
77	Harshal Shivdas Wasnik	20
78	Hemang Tulshidas Diwathe	11
79	Himanshu Ramesh Ade	25
80	Jatin Gokuldas Nawale	14
81	Joydeep Pravir Shaha	20
82	Kartik Sanjay Ingale	26
83	Krish Gajanan Hargude	29
84	Krishna Jitendra Yelne	AA
85	Kunal Jaipal Narwas	21
86	Kunal Tameshwar Selokar	15
87	Lokesh Vijayrao Werulkar	25
88	Milind Suresh Bhosle	17
89	Mayur Sandip Meshram	25
90	Nehal Dinesh Garade	14
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97	Rohan Madhukar Chaudhari	22
98	Romanch Ramesh Kolhe	25
99	Rupesh Manojkumar Tirpude	AA
100	Rushabh Santosh Gaur	AA
101	Sahil Santosh Bohane	11
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110	Yash Manoj Dahake	21
111	Yash Umesh Yadav	18
112	Yog Tulsidas Rahangdale	26
113	Himanshu Rajkumar Somalwar	AA

114	Nishant Dhanraj Nandanwar	23
115	Yash Prashant Bhajipale	26



Signature of the Teacher



**Head
Department of Computer Science**

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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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 are the different types of computerized information system? | 5 |
| B. Draw the system Development Life Cycle (SDLC) diagram. | 5 |
| C. What is feasibility study? Discuss technology and organizational Feasibility. | 5 |
| D. What is System? Explain sub-system giving suitable example. | 5 |

UNIT- II

QUE. 2. SOLVE ANY THREE

- | | |
|-------------------------------------------------------------------------------------|----------|
| A. What is DFD? List Various Symbols used in drawing DFD with their meaning. | 5 |
| B. Explain decision Tree giving suitable example. | 5 |
| C. Write Principle of output design. | 5 |
| D. write short notes on (i) Process Chart (ii) SOP | 5 |



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

BCA-I Semester-II (2023-24)

System Analysis and Design

Paper-II

Result of Unit Test held on:

Unit III and UNIT IV

Name of the Teacher: Ms. Puja M. Dadhe

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92	Omkar Santosh Kukse	16
93	Prajwal Pradip Giri	13
94	Parth Naresh Suryawanshi	14
95	Ritik Kailash Girepunje	15
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103	Sujay Jayprakash Swan	AA
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113	Himanshu Rajkumar Somalwar	24

114	Nishant Dhanraj Nandanwar	19
115	Yash Prashant Bhajipale	29



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, Nagour

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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) What is testing? Explain the levels of testing. | 5 |
| (B) How would you evaluate the system? Explain. | 5 |
| (C) What is conversion? Explain any two conversion methods in brief. | 5 |
| (D) What are change strategies? Discuss the need for change strategies. | 5 |

UNIT- IV

QUE. 2. SOLVE ANY THREE

- | | |
|---------------------------------------------------------------------------------|---|
| (A) Write notes on : (i) Gantt chart (ii) PERT chart. | 5 |
| (B) What are the basic issues of reusing software ? Explain. | 5 |
| (C) What is Project Planning ? Explain the matrices of Project Size Estimation. | 5 |
| (D) What is Software Quality ? Explain ISO 9000. | 5 |



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Congress Nagar, Nagpur

**SHRISHIVAJIEDUCATIONSOCIETYAMRAVATI'S
SCIENCECOLLEGE,CONGRESSNAGAR,NAGPUR.
BCA I Semester-I (2023-24)
NUMERICAL METHODS Paper-III
Result of Unit Test held on 23/03/2024 on
Unit I and Unit II**

Name of the teacher: P. T. Lakhmapure

Sr. No.	Name	Marks outof30
1	ADITI NANDKUMAR VAIRALE	12
2	ANUSHKA SURAJ SHENDE	21
3	APEKSHA JAYDEO MANWATKAR	24
4	Anjali Ramkrushna Jogi	27
5	Arya Kishor Raut	9
6	CHAHAT EKLESHSINGH THAKUR	15
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115	yash prashant bhajipale	01

Pakhmapure

Signature of the Teacher

[Signature]

**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 2022-2023
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 :

$$\begin{aligned} 2x + y + z &= 10 \\ 3x + 2y + 3z &= 18 \\ x + 4y + 9z &= 16 \end{aligned} \quad 5$$

2. Solve the equations using Gauss Jordan Method :

$$\begin{aligned} x + y + z &= 9 \\ 2x - 3y + 4z &= 13 \\ 3x + 4y + 5z &= 40 \end{aligned} \quad 5$$

3. Solve by Gauss-Jordan Reduction method :—

$$\begin{aligned} 2x_1 + 4x_2 - 6x_3 &= -8 \\ x_1 + 3x_2 + x_3 &= 10 \\ 2x_1 - 4x_2 - 2x_3 &= -12 \end{aligned} \quad 5$$

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

Rakshapure

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SCIENCECOLLEGE, CONGRESSNAGAR, NAGPUR.
BCA I Semester-I (2023-24)
NUMERICAL METHODS Paper-III**

**Result of Unit Test held on 27/04/2024 on
Unit III and Unit IV**

Name of the teacher: P. T. Lakhmapure

Sr. No.	Name	Marks out of 30
1	ADITI NANDKUMAR VAIRALE	18
2	ANUSHKA SURAJ SHENDE	20
3	APEKSHA JAYDEO MANWATKAR	5
4	Anjali Ramkrushna Jogi	14
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Rajkumar

Signature of the Teacher

[Signature]

**Head
Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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. 1. 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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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.**

BCA I Semester-II (2023-24)

Discrete Mathematics-II

Paper-IV

Result of Unit Test held on 01/04/2024 on

Unit I and UNIT II

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Aditi Nandkumar Vairale	26
2	Anushka Suraj Shende	29
3	Apeksha Jaydeoman Watkar	15
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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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 inclusion and equality of sets with suitable example. 5
- 2 Let $X = \{1, 2, 3, 4\}$ and $R = \{ \langle x, y \rangle \mid x > y \}$. Draw the Graph of R and also give its matrix. 5
- 3 Write properties of Binary relation in a set. Explain any two with example. 5
- 4 Define following operations on set with Venn diagrams :
(i) Union (ii) Intersection
(iii) Set difference (iv) Symmetric difference. 5

UNIT- II

QUE. 2. SOLVE ANY THREE

- 1 Define the following functions:
(i) Onto (ii) One-to-One
(iii) Inverse function (iv) Composite function. 5
- 2 How many different seven person committees can be formed each containing three women from an available set of twenty women and four men from an available set of thirty men? 5
- 3 Prove by Mathematical Induction:
$$p(n) = 1 + 2 + 3 + \dots + n = \frac{n(n+1)}{2}$$
 5
- 4 Backtrack to find an explicit formula for the sequence defined by recurrence relation, $b_n = 2b_{n-1} + 1$ with initial condition $b_1 = 7$. 5



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

BCA I Semester-II (2023-24)

Discrete Mathematics-II

Paper-IV

Result of Unit Test held on 24/04/2024 on

Unit III and UNIT IV

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Aditi Nandkumar Vairale	23
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66	Aman Satish Mankar	17
67	Amit Devendra Lamse	25
68	Ankush Shankar Kanojiya	15
69	Atulkumar Sachidanand Singh	21
70	Ayur Khumendra Mendhe	16
71	Aniket Satishrao Jakkanwar	19
72	Bhavesh Pramod Mankar	27
73	Chetan Murlidhar Zade	17
74	Devesh Ghansham Sahare	12
75	Dhiraj Giridhar Buddhe	11
76	Divyanshu Sanjay Dohale	5
77	Harshal Shivdas Wasnik	12
78	Hemang Tulshidas Diwathe	16
79	Himanshu Ramesh Ade	13
80	Jatin Gokuldas Nawale	AB

81	Joydeep Pravir Shaha	AB
82	Kartik Sanjay Ingale	19
83	Krish Gajanan Hargude	27
84	Krishna Jitendra Yelne	19
85	Kunal Jaipal Narwas	23
86	Kunal Tameshwar Selokar	11
87	Lokesh Vijayrao Werulkar	19
88	Milind Suresh Bhosle	15
89	Mayur Sandip Meshram	27
90	Nehal Dinesh Garade	AB
91	Omkumar Sanjay Vibhandik	19
92	Omkar Santosh Kukse	24
93	Prajwal Pradip Giri	24
94	Parth Naresh Suryawanshi	10
95	Ritik Kailash Girepunje	13
96	Ritik Uttam Bhautik	24
97	Rohan Madhukar Chaudhari	12
98	Romanch Ramesh Kolhe	26
99	Rupesh Manojkumar Tirpude	23
100	Rushabh Santosh Gaur	20
101	Sahil Santosh Bohane	16
102	Sakshant Ganesh Ghugulkar	19
103	Sujay Jayprakash Swan	24
104	Sahil Shrikant Wankhede	18
105	Sangam Kailash Patle	16
106	Shubham Suraj Kausale	10
107	Siddhant Suresh Khairkar	AB
108	Vinay Kamalsingh Raghuwanshi	6
109	Yash Anil Patil	13
110	Yash Manoj Dahake	15
111	Yash Umesh Yadav	27
112	Yog Tulsidas Rahangdale	5
113	Himanshu Rajkumar Somalwar	AB
114	Nishant Dhanraj Nandanwar	6
115	Yash Prashant Bhajipale	AB



Signature of the Teacher



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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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 | Define Isomorphism and Homomorphism. What procedure is used to show that two semigroups are isomorphic? | 5 |
| 2 | Write properties of Binary operations with suitable example. | 5 |
| 3 | Define product and quotient of group with suitable example. | 5 |
| 4 | Draw the Hasse Diagram of divisibility on a set for D_{20} . | 5 |

UNIT- IV

QUE. 2. SOLVE ANY THREE

- | | | |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 1 | Prove that, if a Group G has a vertex of odd degree, there can be no Euler circuit in G. | 5 |
| 2 | Define following terms with the help suitable example:
(i) Vertex (ii) Degree of vertex (iii) Edge
(iv) Isolated vertex (v) Adjacent vertex. | 5 |
| 3 | Define Hamiltonian path and Hamiltonian circuit with suitable example. | 5 |
| 4 | Let $A = \{v_1, v_2, v_3, v_4, v_5, v_6, v_7, v_8, v_9, v_{10}\}$ and
Let $T = \{(v_2, v_3), (v_2, v_1), (v_4, v_5), (v_4, v_6), (v_5, v_8), (v_6, v_7), (v_4, v_2), (v_7, v_9), (v_7, v_{10})\}$
Show that T is a rooted Tree and identify the root. | 5 |



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Bachelor of Computer Application

B.C.A. I Semester-II (2023-24)

Linux Paper-V

Result of test held on 23 / 03 / 2024 on UNIT I & UNIT II

Name of the teacher: Anjali Milind Pakhidde

Sr. No	NAME OF THE STUDENTS	Marks out of 30
1	ADITI NANDKUMAR VAIRALE	21
2	ANUSHKA SURAJ SHENDE	17
3	APEKSHA JAYDEO MANWATKAR	26
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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024**

B.C.A. I Semester-II (2023-24)

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

[Time: 48 min.]

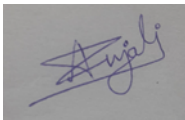
[Maximum Marks: 30]

Que 1] Solve any three questions.

1. Discuss the structure of LINUX operating system. 5
2. Give syntax, purpose and example of the following commands: 5
(i) cat (ii) cp (iii) rm (iv) ls (v) mkdir
3. Write short note on spawning process 5
4. Explain file system in Linux. 5

Que 2] Solve any three questions

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



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Bachelor of Computer Application

B.C.A. I Semester-II (2023-24)

Linux Paper-V

Result of the test held on 23 / 04/ 2024 Unit III & IV

Name of the teacher: Anjali Milind Pakhidge

Sr. No	NAME OF THE STUDENTS	Marks out of 30
1	ADITI NANDKUMAR VAIRALE	21
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Academic Session 2023-2024**

B.C.A. I Semester-II (2023-24)

**Linux Operating System Paper-V
UNIT III & UNIT IV**

[Time: 48 min.]

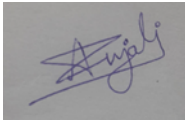
[Maximum Marks: 30]

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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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.

BCA I Semester-II(2023-24)

Electronic Commerce Paper-VI

Result of Unit Test held on 2/3/2024 on Unit I and Unit II

Name of the teacher: Shrutika V. Lokhande

Sr. No.	Name	Marks out of 30 in Unit I-II
1	Aditi Nandkumar Vairale	15
2	Anushka Suraj Shende	20
3	Apeksha Jaydeo Manwatkar	8
4	Anjali Ramkrushna Jogi	10
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96	Ritik Uttam Bhautik	15
97	Rohan Madhukar Chaudhari	5
98	Romanch Ramesh Kolhe	28
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108	Vinay Kamalsingh Raghuwanshi	22
109	Yash Anil Patil	9
110	Yash Manoj Dahake	00
111	Yash Umesh Yadav	AA
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114	Nishant Dhanraj Nandanwar	00
115	Yash Prashant Bhajipale	AA



Signature of the Teacher



**Head
Department of Computer Science**



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S S E S. Am's Science College,
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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
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 QUESTIONS:

1. What is E-Commerce? Explain 4 P's in the context of marketing strategy. 5
2. Explain Porter's Value chain model. 5
3. Explain the concept of e-Market. 5
4. Explain the role of Internet in Ecommerce. 5

UNIT-II

QUE. 1. SOLVE ANY THREE QUESTIONS:

1. What is value chain and supply chain? Explain. 5
2. Explain the factors that need to be considered in developing business strategy. 5
3. Discuss the requirement of e-business along with challenges 5
4. What are the competitive advantages using e commerce 5



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

BCA I Semester-II(2023-24)

Electronic Commerce Paper-VI

Result of Unit Test held on 30/4/2024 on Unit III and Unit IV

Name of the teacher: Shrutika V. Lokhande

Sr. No.	Name	Marks out of 30 in Unit III-IV
1	Aditi Nandkumar Vairale	28
2	Anushka Suraj Shende	20
3	Apeksha Jaydeo Manwatkar	18
4	Anjali Ramkrushna Jogi	AA
5	Arya Kishor Raut	00
6	Chahat Ekleshsingh Thakur	15
7	Devashri Gopal Garade	00
8	Diya Prakash Thakre	AA
9	Harshita Madan Suthar	16
10	Harshika Ajesh Gupta	28
11	Hrutuja Sandip Dhoble	AA
12	Isha Yogendra Singh	11
13	Janhvi Prashantrao Medpilwar	AA
14	Jagruti Kailas Warkade	16
15	Janhavi Narendra Duke	27
16	Juhi Rajendra Talhar	19
17	Kajol Dilipkumar Patle	21
18	Kanakshri Pravin Tembhekar	10
19	Kasak Sunil Kamdi	22
20	Kalyani Madhukar Nakhate	15
21	Khushali Sanjivkumar Bhagat	21
22	Kirtee Rupkumar Yede	AA
23	Mahi Harish Batra	25
24	Manjiri Rajendra Kale	12
25	Mayuri Ramesh Akkewar	29
26	Maithili Sandeep Panchabhai	19
27	Mohini Satish Lande	28
28	Nandini Rameshwar Hedao	7
29	Natasha Santosh Devlekar	7
30	Nishita Ashutosh Pandey	16

31	Nandini Nirmesh Prajapati	24
32	Neha Kishor Mate	AA
33	Nisha Arjun Gajabe	12
34	Ojasvi Suresh Khope	29
35	Palak Sachin Dhomne	5
36	Payal Dilip Bhambhole	23
37	Priti Kalmeshwar Ramteke	26
38	Priya Naresh Tiwari	11
39	Pournima Shankar Choukhe	8
40	Pranali Mohan Mahure	20
41	Pratiksha Arun Bramhankar	6
42	Riya Tarun Kumar Das	29
43	Rohini Madhoroa Shahare	AA
44	Rutuja Laxmanji Somkuwar	9
45	Rani Bablu Satpute	27
46	Ravina Raju Atrahe	20
47	Ritika Kashiram Turkar	7
48	Rutika Dhananjay Chavan	28
49	Sakshi Rajendra Gondane	30
50	Sakshi Sunil Patil	AA
51	Saloni Rajesh Zade	18
52	Saloni Sanjay Talewale	5
53	Sanchita Pradeep Godghate	23
54	Saniya Parimal Bala	29
55	Shivani Laxmikant Rawat	21
56	Shreya Chandrakirti Meshram	20
57	Srushti Purushottam Vaidya	25
58	Swati Digambar Bisen	13
59	Shrawani Kiran Rajgure	18
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UNIT TEST on Unit III - IV**

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-III

QUE. 1. SOLVE ANY THREE QUESTIONS:

- | | |
|---------------------------------------------------------|---|
| 1.What are the stages involved in credit cycle? Explain | 5 |
| 2.Discuss various issues in E-marketing | 5 |
| 3.Explain: i) Pen and things ii)Future of e market. | 5 |
| 4.Define EDI. Also list the benefits of EDI. | 5 |

UNIT-IV

QUE. 1. SOLVE ANY THREE

- | | |
|-----------------------------------------------------------------------------|---|
| 1.What are the advantages and disadvantages of consumer ecommerce? Explain. | 5 |
| 2. Write a note on eshop in the context of e commerce. | 5 |
| 3. What do you mean by e visibility?Explain | 5 |
| 4.Write note on the given payment mechanism: i) Credit card ii) E- cash | 5 |



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