

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

**Department of Computer Science**

**BCA III Semester-I (2023-24)**

**Computer Graphics-I**

**Result of Unit Test held on 12/09/2023 on Unit I & Unit II**

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

S.N.	Name of Students	Marks Out Of 30
1.	AADITI SUBHASH PALIWAL	12
2.	AISHWARYA SHESHRAO SONULE	17
3.	ANAMIKA MAHENDRA SHUKLA	27
4.	ANISHA ASHWIN JAMGADE	23
5.	ANUSHKA CHANDRAKANT ASATKAR	15
6.	ANUSHRI MOHAN THAKRE	16
7.	APURVA PRITISH AKARTE	20
8.	APURVA VIVEKSINGH KHANNADE	26
9.	ARYA PROMOD KHASBAGE	19
10.	ASHLESHA DEVIDAS DHOKNE	10
11.	AYUSHI YOGESH PADOLE	11
12.	DIVYA ARVIND MAKADE	22
13.	DIVYANEE SHRAVAN AWARKAR	12
14.	DIYA PRAKASH KOTTARWAR	19
15.	ESHIKA GANESH PAL	12
16.	GARGI OMPRAKASH BIEN	13
17.	GAURI RAJENDRA KUKUTKAR	29
18.	GUNJAN BIJOOSINGH MAHER	19
19.	ISHITA NITIN KOLHE	14
20.	JUHI SANJAY NAGPURE	AA
21.	KOMAL MADHU BHOSALE	AA
22.	KRUNALI RAJESH MOON	09
23.	MAHI MORESHWAR BHOIKAR	11
24.	MANASI SHARAD DAWARE	12
25.	MANSHU JAYKUMAR DHENGRE	17
26.	MANSI PRADEEP WANKHADE	27
27.	NANDINI LAKHAMA TODSAM	23
28.	NIDHI GANESH BORKAR	15
29.	PRIYANKA BABBU SHUKLA	16
30.	PRUTHA PRAVIN GOMKALE	20
31.	PURVASHA MANGESH MULEY	26
32.	RIYA LAXMAN PARATE	19

33.	SAANIA SAEED KHAN	10
34.	SAKSHI SANJAY MISHRA	11
35.	SALONI RAVI HARODE	22
36.	SAMANTA SHAILESH CHOUDHARY	12
37.	SAMIKSHA SATISH KHARBADE	19
38.	SAMPRIITI ASURAJ GANVIR	12
39.	SAMRUDDHI VINOD BHIWGADE	13
40.	SANA BANO SHAHID AHEMAD SIDDIQUI	29
41.	SANDHYA TARKESHWAR SINGH	19
42.	SANIKA VILAS NIPANE	14
43.	SANSKRUTI SURESH AGRAWAL	03
44.	SEJAL RAVINDRA BARVE	10
45.	SHRUTI RAJENDRA POHANE	12
46.	SHRUTI SHRIKANT RAMTEKE	17
47.	SHRUTI SUBHASH RAUT	27
48.	SIDDHI CHANDRASHEKHAR KOHAD	23
49.	SNEHA MAHENDRASINGH THAKUR	15
50.	SNEHAL GAJANAN DIGHORE	16
51.	SNEHAL PRAMOD ARMARKAR	20
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55.	SWEJAL SANJAY GAUTAM	11
56.	VAIBHAVI DEVIDAS CHATUR	22
57.	VAISHNAVI ASHOKRAO WAGH	12
58.	VEDIKA VASANT MOHOD	19
59.	YASHASVI KISHOR GHOLSE	12
60.	ABHINAV ABHAY PANDE	13
61.	ABHIYUSH BANDU LOKHANDE	29
62.	ADNAN LATIF SHEIKH	19
63.	AMRUT UMESH TIRPUDE	14
64.	ANUBHAV ANIL PATIL	18
65.	ANUGRA MUKUNDA NAGDEVE	19
66.	ASHWIN ANIL TEMBHARE	21
67.	ATHARV PRAMOD VAIRAGADE	19
68.	ATUL LAXMIKANT KHODASKAR	25
69.	AYUSH RAJESH KUKADE	15
70.	HARISH SUNIL ADOLKAR	16
71.	HARSH RADHESHYAM KHINCHI	17
72.	HIMANSHU RAMRAO WANDHARE	09
73.	JANHVI PRASHANT KAPRE	12
74.	JATIN PRASHANT MASKE	13
75.	KARAN BABANRAO SHASTRAKAR	12
76.	KARAN REKHCHAND CHANDEKAR	17

77.	KHOMESHWAR RAJESH DESHMUKH	27
78.	LALIT DHANRAJ LAKADE	23
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101.	TOSHIK SANTOSH DAHIKAR	26
102.	TUSHAR KISHOR LATARE	19
103.	UDITANSHU SANJAY SHANIWARE	10
104.	VEDANT NARENDRA PARATE	11
105.	VEDANT PRAMOD BAGHEL	22
106.	VIBHANSHU RAJU KHOBRADE	12
107.	VISHAL JIVAN SAHARE	19
108.	VISHVAS BHARGAV MANGATE	12
109.	YASH ANIL KOHALE	13
110.	YASH RAJABHAU WATEKAR	12

**Signature of the Teacher**

**Head  
Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2023-2024  
BCA III Semester-V  
Computer Graphics-I  
Paper-I  
UNIT TEST on Unit I & Unit II**

Time: 45 min

[Maximum Marks: 30]

**1. Solve any three questions:**

- |  |   |
|--|---|
| a) Explain working of CRT in details.                          | 5 |
| b) Explain any two input devices with suitable diagram.        | 5 |
| c) Explain various graphics primitive operations with example. | 5 |
| d) Explain Random scan display in detail.                      | 5 |

**2. Solve any three questions:**

- |   |   |
|---|---|
| a) Discuss Boundry fill algorithm with suitable example.              | 5 |
| b) What is pixel ? Explain the correlation of pixel and frame buffer. | 5 |
| c) Write Bresenham's line generation algorithm.                       | 5 |
| d) Explain flood fill algorithm in detail.                            | 5 |



**Signature of the Teacher**



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Congress Nagar, Nagpur

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

**Department of Computer Science**

**BCA III Semester-I (2023-24)**

**Computer Graphics-I**

**Result of Unit Test held on 03/11/2023 on Unit III & Unit IV**

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

S.N.	Name of Students	Marks Out Of 30
1.	AADITI SUBHASH PALIWAL	AA
2.	AISHWARYA SHESHRAO SONULE	17
3.	ANAMIKA MAHENDRA SHUKLA	27
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**Signature of the Teacher**



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**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2023-2024  
BCA III Semester-V  
Computer Graphics-I  
Paper-I  
UNIT TEST on Unit III & Unit IV**

Time: 45 min

[Maximum Marks: 30]

**1. Solve any three questions:**

- a) Explain scaling in detail. 5
- b) Explain shear transformation with suitable example. 5
- c) Explain the concept of homogeneous co-ordinates in detail. 5
- d) What is translation ? Obtain an equation for translation of 2D object. 5

**2. Solve any three questions:**

- a) Explain Cohen Sutherland line clipping algorithm in detail. 5
- b) Explain the window to viewport coordinate transformation and mapping. 5
- c) Explain Sutherland-Hodgman algorithm in detail. 5
- d) Explain concave and convex polygon with suitable example. 5



**Signature of the Teacher**



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

**Compiler Construction**

**Paper-II**

**Result of Unit Test held on 30/08/2023 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	Aaditi Subhash Paliwal	19
2	Aishwarya Sheshrao Sonule	AB
3	Anamika Mahendra Shukla	5
4	Anisha Ashwin Jamgade	15
5	Anushka Chandrakant Asatkar	19
6	Anushri Mohan Thakre	26
7	Apurva Pritish Akarte	25
8	Apurva Viveksingh Khannade	22
9	Arya Promod Khasbage	15
10	Ashlesha Devidas Dhokne	28
11	Ayushi Yogesh Padole	17
12	Divya Arvind Makade	27
13	Divyanee Shravan Awarkar	8
14	Diya Prakash Kottarwar	10
15	Eshika Ganesh Pal	17
16	Gargi Omprakash Bisen	22
17	Gauri Rajendra Kukutkar	17
18	Gunjan Bijoosingh Maher	17
19	Ishita Nitin Kolhe	AB
20	Juhi Sanjay Nagpure	28
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22	Krunali Rajesh Moon	16
23	Mahi Moreshwar Bhoikar	11
24	Manasi Sharad Daware	10
25	Manshu Jaykumar Dhengre	14
26	Mansi Pradeep Wankhade	19
27	Nandini Lakhama Todsam	27
28	Nidhi Ganesh Borkar	27
29	Priyanka Babbu Shukla	15
30	Prutha Pravin Gomkale	17
31	Purvasha Mangesh Muley	25
32	Riya Laxman Parate	26
33	Saania Saeed Khan	AB
34	Sakshi Sanjay Mishra	20
35	Saloni Ravi Harode	15

36	Samanta Shailesh Choudhary	24
37	Samiksha Satish Kharbade	20
38	Sampriti Asuraj Ganvir	26
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43	Sanskruiti Suresh Agrawal	26
44	Sejal Ravindra Barve	AB
45	Shruti Rajendra Pohane	18
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47	Shruti Subhash Raut	21
48	Siddhi Chandrashekhar Kohad	18
49	Sneha Mahendrasingh Thakur	24
50	Snehal Gajanan Dighore	AB
51	Snehal Pramod Armakar	10
52	Srushti Dashrath Motharkar	26
53	Sujal Sudhir Dhoke	24
54	Surabhi Subrota Ghosh	AB
55	Swejal Sanjay Gautam	AB
56	Vaibhavi Devidas Chatur	25
57	Vaishnavi Ashokrao Wagh	AB
58	Vedika Vasant Mohod	14
59	Yashasvi Kishor Gholse	11
60	Abhinav Abhay Pande	AB
61	Abhiyush Bandu Lokhande	AB
62	Adnan Latif Sheikh	22
63	Amrut Umesh Tirpude	AB
64	Anubhav Anil Patil	25
65	Anugra Mukunda Nagdeve	21
66	Ashwin Anil Tembhare	14
67	Atharv Pramod Vairagade	6
68	Atul Laxmikant Khodaskar	17
69	Ayush Rajesh Kukade	10
70	Harish Sunil Adolkar	AB
71	Harsh Radheshyam Khinchi	AB
72	Himanshu Ramrao Wandhare	28
73	Janhvi Prashant Kapre	14
74	Jatin Prashant Maske	AB
75	Karan Babanrao Shastrakar	27
76	Karan Rekhchand Chandekar	22
77	Khomeshwar Rajesh Deshmukh	15
78	Lalit Dhanraj Lakade	17
79	Mahesh Laxmanrao Kajale	18
80	Manish Jijaram Sayam	16
81	Mohan Yashvant Yesansure	7

82	Mohd Faizan Abdul Mushtaque Sheikh	18
83	Mohit Motilal Mohadikar	14
84	Nishant Milind Velhankar	11
85	Parag Dhanraj Giripunje	24
86	Pavan Kisan Bharde	24
87	Piyush Moreswar Kolhe	13
88	Prathamesh Vinod Gupta	27
89	Pratik Ashok Barapatre	16
90	Pratik Govinrao Deshmukh	24
91	Priyanshu Manish Bisani	26
92	Raj Anil Warhade	21
93	Rupanshu Babban Yadav	19
94	Sahil Sunil Kshirsagar	23
95	Shivam Rajendra Gaidhane	27
96	Shivam Ravindra Mankar	21
97	Shubham Arun Patil	9
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99	Sujal Prabhakar Baraskar	18
100	Tejas Fakira Patil	25
101	Toshik Santosh Dahikar	AB
102	Tushar Kishor Latare	11
103	Uditanshu Sanjay Shaniware	11
104	Vedant Narendra Parate	22
105	Vedant Pramod Baghel	9
106	Vibhanshu Raju Khobragade	24
107	Vishal Jivan Sahare	23
108	Vishvas Bhargav Mangate	22
109	Yash Anil Kohale	AB
110	Yash Rajabhau Watekar	15

**Signature of the Teacher**

**Head  
Department of Computer Science**



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

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2023-2024  
Bachelor of computer Application (BCA) (Semester-VI)  
Paper-II  
COMPILER CONSTRUCTION

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 30**

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- |    |   |   |
|----|---|---|
| 1. | What is Compiler? Explain the necessity of compiler.  | 5 |
| 2. | Explain in detail code generation.  | 5 |
| 3. | What are errors in compiler? Explain error handling.  | 5 |
| 4. | Explain intermediate code generation. What is the special about intermediate code generation? | 5 |

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

- |    |  |   |
|----|--|---|
| 1. | What is Programming Language? Explain its hierarchical structure.  | 5 |
| 2. | Explain Lexical and Syntactic structure of a language.             | 5 |
| 3. | What is Storage? Explain storage management with suitable example. | 5 |
| 4. | What is assignment statement? Explain.                             | 5 |



**Signature of the Teacher**



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

**BCAIII Semester- VI (2023-24)**

**Compiler Construction**

**Paper-II**

**Result of Unit Test held on 11/10/2023 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	Aaditi Subhash Paliwal	21
2	Aishwarya Sheshrao Sonule	AB
3	Anamika Mahendra Shukla	18
4	Anisha Ashwin Jamgade	5
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16	Gargi Omprakash Bisen	10
17	Gauri Rajendra Kukutkar	AB
18	Gunjan Bijoosingh Maher	26
19	Ishita Nitin Kolhe	21
20	Juhi Sanjay Nagpure	23
21	Komal Madhu Bhosale	22
22	Krunali Rajesh Moon	15
23	Mahi Moreshwar Bhoikar	19
24	Manasi Sharad Daware	15
25	Manshu Jaykumar Dhengre	12
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32	Riya Laxman Parate	27
33	Saania Saeed Khan	AB
34	Sakshi Sanjay Mishra	26
35	Saloni Ravi Harode	8

36	Samanta Shailesh Choudhary	17
37	Samiksha Satish Kharbade	12
38	Sampriti Asuraj Ganvir	25
39	Samruddhi Vinod Bhiwgade	22
40	Sana Bano Shahid Ahemad Siddiqui	25
41	Sandhya Tarkeshwar Singh	11
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67	Atharv Pramod Vairagade	20
68	Atul Laxmikant Khodaskar	27
69	Ayush Rajesh Kukade	16
70	Harish Sunil Adolkar	19
71	Harsh Radheshyam Khinchi	12
72	Himanshu Ramrao Wandhare	22
73	Janhvi Prashant Kapre	16
74	Jatin Prashant Maske	AB
75	Karan Babanrao Shastrakar	21
76	Karan Rekhchand Chandekar	AB
77	Khomeshwar Rajesh Deshmukh	26
78	Lalit Dhanraj Lakade	7
79	Mahesh Laxmanrao Kajale	19
80	Manish Jijaram Sayam	11
81	Mohan Yashvant Yesansure	15

82	Mohd Faizan Abdul Mushtaque Sheikh	21
83	Mohit Motilal Mohadikar	28
84	Nishant Milind Velhankar	25
85	Parag Dhanraj Giripunje	21
86	Pavan Kisan Bharde	27
87	Piyush Moreshwar Kolhe	13
88	Prathamesh Vinod Gupta	16
89	Pratik Ashok Barapatre	28
90	Pratik Govinrao Deshmukh	24
91	Priyanshu Manish Bisani	AB
92	Raj Anil Warhade	15
93	Rupanshu Babban Yadav	25
94	Sahil Sunil Kshirsagar	17
95	Shivam Rajendra Gaidhane	12
96	Shivam Ravindra Mankar	27
97	Shubham Arun Patil	AB
98	Siddhant Ashokrao Dandi	15
99	Sujal Prabhakar Baraskar	17
100	Tejas Fakira Patil	19
101	Toshik Santosh Dahikar	21
102	Tushar Kishor Latore	14
103	Uditanshu Sanjay Shaniware	18
104	Vedant Narendra Parate	19
105	Vedant Pramod Baghel	14
106	Vibhanshu Raju Khobragade	11
107	Vishal Jivan Sahare	27
108	Vishvas Bhargav Mangate	22
109	Yash Anil Kohale	AB
110	Yash Rajabhau Watekar	25
111		

**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 2023-2024  
Bachelor of computer Application (BCA) (Semester-VI)  
Paper-II  
COMPILER CONSTRUCTION

**UNIT TEST**

**Time: 45 min.]**

**[Maximum Marks: 30**

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- |          |  |   |
|----------|--|---|
| <b>1</b> | What different roles are played by lexical analyzer?     | 5 |
| <b>2</b> | Explain the concept of context free grammar.             | 5 |
| <b>3</b> | Define and explain parse trees.                          | 5 |
| <b>4</b> | Explain the procedure for implementing lexical analyzer. | 5 |

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

- |          |   |   |
|----------|---|---|
| <b>1</b> | Explain the working of shift-reduce parser with example.          | 5 |
| <b>2</b> | What is loop optimization? Why it is needed?                      | 5 |
| <b>3</b> | Explain the terms:<br>(i) DAG<br>(ii) Basic Block.                | 5 |
| <b>4</b> | What do you mean by Global Register Allocation? Explain in brief. | 5 |



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

**BCA III Semester-V (2023-24)**

**VB.NET Paper-III**

**Result of Unit Test held on 05/9/2023 on**

**Unit I and Unit II**

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

<b>Sr No.</b>	<b>Name Of Student</b>	<b>Marks Out Of 30</b>
1.	AAKANSHA MANIK MALEWAR	15
2.	AANCHAL ASHWANI YADAV	20
3.	AAYSUH RUPLAL GOUR	27
4.	ABHAY KAPURCHAND BAGHELE	13
5.	ADITYA SANDEEP NAGESHWAR	AB
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9.	AMAN DILIP MORGHADE	21
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19.	AYUSH RAMESH CHAMBHARE	17
20.	AYUSH SHIVAJI WAGHMARE	25
21.	AYUSHI ARUN KAWADE	22
22.	BHAIRAVI GAJANAN THAKARE	5
23.	BHAVIKA ANIL RAUT	22
24.	CHANCHAL ANIL CHANAP	28
25.	CHETAN GUNWANTARAO KHADSE	14
26.	DARSHAN SUNIL JOGI	25
27.	DEVKUMAR GANESH NAGPURE	30
28.	DEVYANI SANJAY KARANGALE	20
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110.	YASH MANOHAR DAHIWALE	28
111.	YASH VINOD KHANKE	14
112.	YASHSHREE VIDYADHAR CHIPLUNKAR	25

*[Handwritten Signature]*

**Signature of the Teacher**

*[Handwritten 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-V)  
VB.NET  
UNIT TEST on Unit I-II**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- |   |   |
|---|---|
| 1. Write a note on .NET Framework architecture. | 5 |
| 2. Explain object oriented features of VB .NET. | 5 |
| 3. What is abstract class and abstract method?  | 5 |
| 4. Explain interface implementation.            | 5 |

**UNIT-II**

**QUE. 1. SOLVE ANY THREE**

- |   |   |
|---|---|
| 1. Explain the adapter pattern event model      | 5 |
| 2. Explain MDI application with example         | 5 |
| 3. Explain momentum event handling with example | 5 |
| 4. Define own forms and its properties.         | 5 |



**Signature of the Teacher**



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

**BCA III Semester-V (2023-24)**

**VB.NET Paper-III**

**Result of Unit Test held on 03/10/2022 on**

**Unit III and Unit IV**

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

<b>Sr No.</b>	<b>Name Of Student</b>	<b>Marks Out Of 30</b>
1.	AAKANSHA MANIK MALEWAR	15
2.	AANCHAL ASHWANI YADAV	20
3.	AAYSUH RUPLAL GOUR	27
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74.	RIYA SANJAY KHANORE	26
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111.	YASH VINOD KHANKE	14
112.	YASHSHREE VIDYADHAR CHIPLUNKAR	25

*Bintu*

**Signature of the Teacher**

*[Handwritten Signature]*

**Head  
Department of Computer Science**



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



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

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1. What is helper forms? Explain with example.                                 | 5 |
| 2. Explain toolbar and event handling  | 5 |
| 3. What is debugging? Explain tools used for debugging in VB .Net application. | 5 |
| 4. Explain the adapter pattern event model.                                    | 5 |

**UNIT-IV**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1. Explain Exception class.                              | 5 |
| 2. Explain the adapter pattern event model.              | 5 |
| 3. Explain multitasking of delegates.                    | 5 |
| 4. Differentiate structured and un-structured exception. | 5 |



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

**BCA III Semester-V (2023-24)**

**Software Engineering-II**

**Paper-IV**

**Result of Unit Test held on: 26/08/2023**

**Unit I and Unit II**

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

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	AADITISUBHASHPALIWAL	25
2	AISHWARYASHESHRAOSONULE	19
3	ANAMIKAMAHENDRASHUKLA	29
4	ANISHAASHWINJAMGADE	27
5	ANUSHKACHANDRAKANTASATKAR	AA
6	ANUSHRIMOHANTHAKRE	14
7	APURVAPRITISHAKARTE	11
8	APURVAVIVEKSINGHKKHANNADE	19
9	ARYAPROMODKHASBAGE	21
10	ASHLESHADEVIDASDHOKNE	AA
11	AYUSHI YOGESHPADOLE	24
12	DIVYAARVINDMAKADE	16
13	DIVYANEESHRAVANAWARKAR	12
14	DIYAPRAKASH KOTTARWAR	12
15	ESHIKAGANESHPAL	11
16	GARGIOMPRAKASHBISEN	AA
17	GAURIRAJENDRAKUKUTKAR	14
18	GUNJANBIJOOSINGHMAHER	27
19	ISHITANITINKOLHE	12
20	JUHISANJAYNAGPURE	24
21	KOMALMADHUBHOSALE	19
22	KRUNALIRAJESHMOON	AA
23	MAHIMORESHWARBHOIKAR	18
24	MANASISHARADDWARE	28
25	MANSHUJAYKUMARDHENGRE	11
26	MANSIPRADEEPWANKHADE	18
27	NANDINILAKHAMATODSAM	21
28	NIDHIGANESHBORKAR	23
29	PRIYANKA BABBUSHUKLA	12
30	PRUTHAPRAVINGOMKALE	28
31	PURVASHAMANGESHMULEY	13
32	RIYALAXMANPARATE	28

33	SAANIASAEEDKHAN	17
34	SAKSHISANJAYMISHRA	19
35	SALONIRAVIHARODE	29
36	SAMANTASHAILESHCHOUDHARY	26
37	SAMIKSHASATISHKHARBADE	24
38	SAMPRIITASURAJGANVIR	21
39	SAMRUDDHIVINODBHIWGADE	17
40	SANABANOSHAHIDAHEMADSIDDIQUI	29
41	SANDHYATARKESHWARSINGH	AA
42	SANIKA VILASNIPANE	23
43	SANSKRUTISURESHAGRAWAL	14
44	SEJALRAVINDRABARVE	15
45	SHRUTIRAJENDRAPOHANE	27
46	SHRUTISHRIKANTRAMTEKE	25
47	SHRUTISUBHASHRAUT	15
48	SIDDHICHANDRASHEKHARKOHAD	26
49	SNEHAMAHENDRASINGHTHAKUR	12
50	SNEHALGAJANANDIGHORE	22
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55	SWEJALSANJAYGAUTAM	18
56	VAIBHAVIDEVIDASCHATUR	21
57	VAISHNAVIASHOKRAOWAGH	AA
58	VEDIKAVASANTMOHOD	16
59	YASHASVIKISHORGHOLSE	21
60	ABHINAVABHAYPANDE	26
61	ABHIYUSHBANDULOKHANDE	29
62	ADNANLATIFSHEIKH	11
63	AMRUTUMESHTIRPUDE	20
64	ANUBHAVANILPATIL	23
65	ANUGRAMUKUNDANAGDEVE	24
66	ASHWINANILTEMBHARE	22
67	ATHARVPRAMOD VAIRAGADE	13
68	ATULLAXMIKANTKHODASKAR	17
69	AYUSHRAJESHKUKADE	AA
70	HARISHSUNILADOLKAR	16
71	HARSHRADHESHYAMKHINCHI	13
72	HIMANSHURAMRAOWANDHARE	28
73	JANHVIPRASHANTKAPRE	18
74	JATINPRASHANTMASKE	28

75	KARANBABANRAOSHASTRAKAR	28
76	KARANREKHCHANDCHANDEKAR	23
77	KHOMESHWARRAJESHDESHMUKH	14
78	LALITDHANRAJLAKADE	28
79	MAHESHLAXMANRAOKAJALE	12
80	MANISHJIJARAMSAYAM	21
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82	MOHDFAIZANABDULMUSHTAQESHEIKH	15
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84	NISHANTMILINDVELHANKAR	AA
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86	PAVANKISANBHARDE	28
87	PIYUSHMORESHWARKOLHE	18
88	PRATHAMESHVINODGUPTA	29
89	PRATIKASHOKBARAPATRE	20
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91	PRIYANSHUMANISHBISANI	19
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93	RUPANSHUBABBANYADAV	18
94	SAHILSUNILKSHIRSAGAR	12
95	SHIVAMRAJENDRAGAIDHANE	26
96	SHIVAMRAVINDRAMANKAR	28
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98	SIDDHANTASHOKRAODANDI	15
99	SUJALPRABHAKARBARASKAR	AA
100	TEJASFAKIRAPATIL	18
101	TOSHIKSANTOSHDAHIKAR	24
102	TUSHARKISHORLATARE	23
103	UDITANSHUSANJAY SHANIWARE	11
104	VEDANTNARENDRAPARATE	27
105	VEDANTPRAMODBAGHEL	22
106	VIBHANSHURAJUKHOBRADE	21
107	VISHALJIVANSAHARE	12
108	VISHVAS BHARGAVMANGATE	11
109	YASHANILKOHLE	23
110	YASHRAJABHAUWATEKAR	21



Signature of the Teacher




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S S E S. Amr & Science College,  
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's  
**Science College, Congress Nagar, Nagpur**  
Academic Session 2023-2024  
Bachelor of computer Application (BCA) (Semester-V)  
Paper-IV  
Software Engineering-II

**UNIT TEST**

**Time: 45 min]**

**[Maximum Marks: 30**

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| (A) What is software architecture? Explain the need of software architecture.  | 5 |
| (B) Explain Data-flow architecture with its advantages and disadvantages.  | 5 |
| (C) Write a short note on architectural pattern.   | 5 |
| (D) What is the use of software architecture document? How is the documentation done in the software architectural design? | 5 |

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

- |   |   |
|---|---|
| (A) Explain the various testing objectives in detail.                     | 5 |
| (B) List and explain the levels of testing.                               | 5 |
| (C) What is structural testing? Explain its advantages and disadvantages. | 5 |
| (D) Explain the debugging process using suitable diagram.                 | 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 III Semester-V (2023-24)**

**Software Engineering-II**

**Paper-IV**

**Result of Unit Test held on: 13/10/2023**

**Unit III and Unit IV**

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

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	AADITISUBHASHPALIWAL	19
2	AISHWARYASHESHRAOSONULE	AA
3	ANAMIKAMAHENDRASHUKLA	17
4	ANISHAASHWINJAMGADE	26
5	ANUSHKACHANDRAKANTASATKAR	21
6	ANUSHRIMOHANTHAKRE	12
7	APURVAPRITISHAKARTE	21
8	APURVAVIVEKSINGHKHANNADE	17
9	ARYAPROMODKHASBAGE	17
10	ASHLESHADEVIDASDHOKNE	AA
11	AYUSHI YOGESHPADOLE	17
12	DIVYAARVINDMAKADE	23
13	DIVYANEESHRAVANAWARKAR	14
14	DIYAPRAKASH KOTTARWAR	27
15	ESHIKAGANESH PAL	29
16	GARGIOM PRAKASHBISEN	24
17	GAURIRAJENDRAKUKUTKAR	24
18	GUNJANBIJOOSINGHMAHER	20
19	ISHITANITINKOLHE	29
20	JUHISANJAYNAGPURE	18
21	KOMALMADHUBHOSALE	20
22	KRUNALIRAJESHMOON	16
23	MAHIMORESHWARBHOIKAR	16
24	MANASISHARADDWARE	20
25	MANSHUJAYKUMARDHENGRE	21
26	MANSIPRADEEPWANKHADE	21
27	NANDINILAKHAMATODSAM	12
28	NIDHIGANESHBORKAR	AA
29	PRIYANKA BABBUSHUKLA	24
30	PRUTHAPRAVINGOMKALE	29
31	PURVASHAMANGESHMULEY	11
32	RIYALAXMANPARATE	14

33	SAANIASAEEDKHAN	17
34	SAKSHISANJAYMISHRA	21
35	SALONIRAVIHARODE	28
36	SAMANTASHAILESHCHOUHARY	18
37	SAMIKSHASATISHKHARBADE	16
38	SAMPRIITASURAJGANVIR	11
39	SAMRUDDHIVINODBHIWGADE	18
40	SANABANOSHAHIDAHEMADSIDDQUI	15
41	SANDHYATARKESHWARSINGH	29
42	SANIKAVILASNIPANE	AA
43	SANSKRUTISURESHAGRAWAL	29
44	SEJALRAVINDRABARVE	23
45	SHRUTIRAJENDRAPOHANE	28
46	SHRUTISHRIKANTRAMTEKE	20
47	SHRUTISUBHASHRAUT	15
48	SIDDHICHANDRASHEKHARKOHAD	22
49	SNEHAMAHENDRASINGHTHAKUR	13
50	SNEHALGAJANANDIGHORE	27
51	SNEHALPRAMODARMARKAR	17
52	SRUSHTIDASHRATHMOTHARKAR	22
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55	SWEJALSANJAYGAUTAM	12
56	VAIBHAVIDEVIDASCHATUR	23
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58	VEDIKAVASANTMOHOD	18
59	YASHASVIKISHORGHOLSE	17
60	ABHINAVABHAYPANDE	26
61	ABHIYUSHBANDULOKHANDE	17
62	ADNANLATIFSHEIKH	AA
63	AMRUTUMESHTIRPUDE	26
64	ANUBHAVANILPATIL	19
65	ANUGRAMUKUNDANAGDEVE	18
66	ASHWINANILTEMBHARE	26
67	ATHARVPRAMOD VAIRAGADE	21
68	ATULLAXMIKANTKHODASKAR	18
69	AYUSHRAJESHKUKADE	27
70	HARISHSUNILADOLKAR	12
71	HARSHRADHESHYAMKHINCHI	12
72	HIMANSHURAMRAOWANDHARE	13
73	JANHVIPRASHANTKAPRE	13
74	JATINPRASHANTMASKE	24

75	KARANBABANRAOSHA STRAKAR	24
76	KARANREKHCHANDCHANDEKAR	13
77	KHOMESHWARRAJESHDESHMUKH	24
78	LALITDHANRAJLAKADE	12
79	MAHESHLAXMANRAOKAJALE	19
80	MANISHJIJARAMSAYAM	11
81	MOHANYASHVANTYESANSURE	26
82	MOHDFAIZANABDULMUSHTAQUESHEIKH	21
83	MOHITMOTILALMOHADIKAR	18
84	NISHANTMILINDVELHANKAR	AA
85	PARAGDHANRAJGIRIPUNJE	28
86	PAVANKISANBHARDE	13
87	PIYUSHMORESHWARKOLHE	23
88	PRATHAMESHVINODGUPTA	19
89	PRATIKASHOKBARAPATRE	16
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91	PRIYANSHUMANISHBISANI	11
92	RAJANILWARHADE	24
93	RUPANSHUBABBANYADAV	29
94	SAHILSUNILKSHIRSAGAR	15
95	SHIVAMRAJENDRAGAIDHANE	23
96	SHIVAMRAVINDRAMANKAR	AA
97	SHUBHAMARUNPATIL	16
98	SIDDHANTASHOKRAODANDI	22
99	SUJALPRABHAKARBARASKAR	20
100	TEJASFAKIRAPATIL	19
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105	VEDANTPRAMODBAGHEL	21
106	VIBHANSHURAJUKHOBORAGE	29
107	VISHALJIVANSAHARE	24
108	VISHVAS BHARGAVMANGATE	14
109	YASHANILKOHLE	16
110	YASHRAJABHAUWATEKAR	16



Signature of the Teacher




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Department of Computer Science

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



Shri Shivaji Education Society Amravati's  
**Science College, Congress Nagar, Nagpur**  
Academic Session 2023-2024  
Bachelor of computer Application (BCA) (Semester-V)  
Paper-IV  
Software Engineering-II

**UNIT TEST**

**Time: 45 min]**

**[Maximum Marks: 30**

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- (A) What are the software metrics? Explain the classification categories of software quality metrics. 5
- (B) Explain the quality factors described by McCall and his colleagues. 5
- (C) Explain the concept of measurement principles and the process. 5
- (D) Discuss the metrics for the source code. 5

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

- (A) What do you mean by Risk management? Explain the objectives of risk management. 5
- (B) Explain the concept of risk identification along with the activities involved in it. 5
- (C) Explain the concept of software quality assurance. 5
- (D) Explain the principles of the ISO 9000 quality standards. 5



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**Science College, Congress Nagar, Nagpur**  
**Academic Session 2023-2024**  
**Bachelor of Computer Application (B.C.A) (Semester-V)**  
**Sub-PHP-I**  
**Result of Unit Test 30-8-23**  
**UNIT TEST on Unit I – II**

Name of Teacher-Manisha Kongre

Sr. No.	Name	Marks out of 30
1	AADITI SUBHASH PALIWAL	21
2	AISHWARYA SHESHRAO SONULE	20
3	ANAMIKA MAHENDRA SHUKLA	28
4	ANISHA ASHWIN JAMGADE	21
5	ANUSHKA CHANDRAKANT ASATKAR	22
6	ANUSHRI MOHAN THAKRE	22
7	APURVA PRITISH AKARTE	AB
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16	GARGI OMPRAKASH BISEN	AB
17	GAURI RAJENDRA KUKUTKAR	21
18	GUNJAN BIJOOSINGH MAHER	30
19	ISHITA NITIN KOLHE	25
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22	KRUNALI RAJESH MOON	12
23	MAHI MORESHWAR BHOIKAR	AB
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93	RAJ ANIL WARHADE	21
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**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 (B.C.A) (Semester-V)**  
**Paper- V**  
**PHP-I**  
**UNIT TEST on Unit I - II**

[ Time: 45 min.]

[Maximum Marks: 30

**Q.1 UNIT-I**

**Solve Any Three**

- A. What is PHP ? Explain brief history of PHP. [05]  
B. How will you use Lexical structure in PHP ? Explain [05]  
C. List and explain the different types of variables in PHP.. [05]  
D. How will you Embed PHP in web pages ? Write steps for PHP configuration on windows. [05]

**Q.2 UNIT-II**

**Solve Any Three**

- A. What is Anonymous function ? Explain with example [05]  
B. Explain POSIX and PERL regular expression [05]  
C. What are PHP string cleanup functions ? Explain how cleaning is done [05]  
D. Explain encoding and escaping in PHP. [05]



**Signature of the Teacher**



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**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 (B.C.A) (Semester-V)  
Sub-PHP-I  
Result of Unit Test 24-10-23  
UNIT TEST on Unit III- IV**

Name of Teacher-Manisha Kongre

Sr. No.	Name	Marks out of 30
1	AADITI SUBHASH PALIWAL	AB
2	AISHWARYA SHESHRAO SONULE	20
3	ANAMIKA MAHENDRA SHUKLA	AB
4	ANISHA ASHWIN JAMGADE	21
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**Signature of the Teacher**



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**Academic Session 2023-2024**  
**Bachelor of Computer Application (B.C.A) (Semester-V)**  
**Paper- V**  
**PHP-I**  
**UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30]

**Q.1 UNIT-III**

**Solve Any Three**

**A.** Explain WSDL structure along with its element

(i) extract ( )

(ii) compact ( )..

[05]

**B** Write a program to find the largest number from an array in PHP..

[05]

**C** How will you extract multiple values from an array ? Explain

[05]

**D.** Write a program in PHP to check whether the given number is prime or not

[05]

**Q.2 UNIT-IV**

**Solve Any Three**

**A** How does a file get uploaded in PHP ? Explain

[05]

**B.** Write a program in PHP using Text Fields, Text Areas and List Boxes

[05]

**C.** Explain distinct types of buttons in PHP

[05]

**D.** Explain Hidden Forms

[05]



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**SHRISHIVAJIEDUCATIONSOCIETYAMRAVATI'S  
SCIENCECOLLEGE,CONGRESSNAGAR,NAGPUR.  
BCA III Semester-V (2023-24)**

**Data communication Network I Paper-VI**

**Result of Unit Test held on 03/10/2022 on  
Unit I and Unit II**

**Name of the Teacher:-P.T. Lakhmapure**

<b>Sr No.</b>	<b>Name Of Student</b>	<b>Marks Out Of 30</b>
1.	AADITISUBHASHPALIWAL	17
2.	AISHWARYASHESHRAOSONULE	9
3.	ANAMIKAMAHENDRASHUKLA	22
4.	ANISHAASHWINJAMGADE	8
5.	ANUSHKACHANDRAKANTASATKAR	16
6.	ANUSHRIMOHANTHAKRE	25
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16.	GARGIOMPRAKASHBISEN	9
17.	GAURIRAJENDRAKUKUTKAR	22
18.	GUNJANBIJOOSINGHMAHER	8
19.	ISHITANITINKOLHE	16
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33.	SAANIASAEEDKHAN	25
34.	SAKSHISANJAYMISHRA	22
35.	SALONIRAVIHARODE	5
36.	SAMANTASHAILESHCHOUDHARY	22
37.	SAMIKSHASATISHKHARBADE	28
38.	SAMPRI TIASURAJGANVIR	14
39.	SAMRUDDHIVINODBHIWGADE	25
40.	SANABANOSHAHIDAHEMADSIDDIQUI	30
41.	SANDHYATARKESHWARSINGH	20
42.	SANIKAVILASNIPANE	25
43.	SANSKRUTISURESHAGRAWAL	22
44.	SEJALRAVINDRABARVE	5
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46.	SHRUTISHRIKANTRAMTEKE	28
47.	SHRUTISUBHASHRAUT	14
48.	SIDDHICHANDRASHEKHARKOHAD	25
49.	SNEHAMAHENDRASINGHTHAKUR	30

50.	SNEHALGAJANANDIGHORE	20
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59.	YASHASVIKISHORGHOLSE	20
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63.	AMRUTUMESHTIRPUDE	22
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71.	HARSHRADHESHYAMKHINCHI	5
72.	HIMANSHURAMRAOWANDHARE	22
73.	JANHVIPRASHANTKAPRE	28
74.	JATINPRASHANTMASKE	14
75.	KARANBABANRAOSHA STRAKAR	25
76.	KARANREKHCHANDCHANDEKAR	30

77.	KHOMESHWARRAJESHDESHMUKH	20
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102.	TUSHARKISHORLATARE	25
103.	UDITANSHUSANJAY SHANIWARE	30



104.	VEDANTNARENDRAPARATE	20
105.	VEDANTPRAMODBAGHEL	25
106.	VIBHANSHURAJUKHOBRADE	22
107.	VISHALJIVANSAHARE	5
108.	VISHVAS BHARGAVMANGATE	22
109.	YASHANILKOHLE	28
110.	YASHRAJABHAUWATEKAR	14

*Rakmapure*

**Signature of the Teacher**

**Head  
Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2023-2024**  
**Bachelor of Computer Application (B.C.A) (Semester-V)**  
**DATA COMMUNICATION NETWORK-I**  
**UNIT TEST on Unit I-II**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

1. Describe Guided Transmission media in brief. 5 (B) Explain the following transmission impairments :

(i) Delay Distortion

(ii) Noise. 5

2. What is Data Communication ? 5

3. Differentiate between Analog Signal and Digital Signal. 5

4. What is Baud Rate ? 5

**UNIT-II**

**QUE. 1. SOLVE ANY THREE**

1. Explain time division multiplexing with example 5

2. Write a short note on error control. 5

3. Explain Data link control protocols. 5

4. Explain Cyclic Redundancy Check (CRC) with example. 5

*P. T. Lakhmapure*

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*[Signature]*

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Congress Nagar, Nagpur

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

**BCA III Semester-V (2023-24)**

**Data communication Network I Paper-VI**

**Result of Unit Test held on 26/10/2023 on**

**Unit III and Unit IV**

**Name of the Teacher:-P. T. Lakhmapure**

<b>Sr No.</b>	<b>Name Of Student</b>	<b>Marks Out Of 30</b>
1.	AADITISUBHASHPALIWAL	22
2.	AISHWARYASHESHRAOSONULE	17
3.	ANAMIKAMAHENDRASHUKLA	9
4.	ANISHAASHWINJAMGADE	AB
5.	ANUSHKACHANDRAKANTASATKAR	8
6.	ANUSHRIMOHANTHAKRE	16
7.	APURVAPRITISHAKARTE	25
8.	APURVAVIVEKSINGHKHANNADE	22

9.	ARYAPROMODKHASBAGE	17
10.	ASHLESHADEVIDASDHOKNE	9
11.	AYUSHI YOGESHPADOLE	22
12.	DIVYAARVINDMAKADE	8
13.	DIVYANEESHRAVANAWARKAR	16
14.	DIYAPRAKASH KOTTARWAR	25
15.	ESHIKAGANESHPAL	AB
16.	GARGIOMPRAKASHBISEN	17
17.	GAURIRAJENDRAKUKUTKAR	9
18.	GUNJANBIJOOSINGHMAHER	22
19.	ISHITANITINKOLHE	8
20.	JUHISANJAYNAGPURE	25
21.	KOMALMADHUBHOSALE	22
22.	KRUNALIRAJESHMOON	5
23.	MAHIMORESHWARBHOIKAR	22
24.	MANASISHARADDAWARE	28
25.	MANSHUJAYKUMARDHENGRE	14
26.	MANSIPRADEEPWANKHADE	25
27.	NANDINILAKHAMATODSAM	30
28.	NIDHIGANESHBORKAR	AB
29.	PRIYANKA BABBUSHUKLA	25
30.	PRUTHAPRAVINGOMKALE	22
31.	PURVASHAMANGESHMULEY	5
32.	RIYALAXMANPARATE	22
33.	SAANIASAEEDKHAN	28
34.	SAKSHISANJAYMISHRA	14
35.	SALONIRAVIHARODE	25

36.	SAMANTASHAILESHCHOUDHARY	30
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*Pakhmapire*

**Signature of the Teacher**

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**DATA COMMUNICATION NETWORK-I**  
**UNIT TEST on Unit III-IV**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

1. What is a wave ? Explain the role of wave in network. 5
2. Explain Digital Switching Concept. 5
3. What is the use of routing in circuit switched network ? 5
4. Explain congestion control in detail. 5

**UNIT-IV**

**QUE. 1. SOLVE ANY THREE**

1. Explain any two network topology. 5
2. Explain LAN and MAN technologies. 5
3. Explain packet switching principles. 5
4. Explain virtual circuits and datagrams in brief. 5



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