

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

**BCA II Semester-III(2021-22)**

**Visual Basic Programming Paper-I**

**Result of Unit Test held on 24/9/2021 on Unit I and Unit II**

**Name of the teacher: Shrutika V. Lokhande**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30 in Unit I-II</b>
1	Aakansha Manik Malewar	15
2	Aanchal Ashwani Yadav	25
3	Aaysuh Ruplal Gour	AA
4	Abhay Kapurchand Baghele	AA
5	Aditya Sandeep Nageshwar	12
6	Aditya Sudhakar Parchand	26
7	Aditya Vinayak Kochare	AA
8	Aman Bandu Manwatkar	15
9	Aman Dilip Morghade	16
10	Anish Manish Gour	28
11	Ankush Chandan Pounikar	AA
12	Anuja Vilas Masalkar	11
13	Anushree Pravin Wath	21
14	Archi Ashok Khandelwal	16
15	Arpita Govind Khavaskar	27
16	Arth Haridas Atkare	20
17	Ayas Jahid Pathan	21
18	Ayush Hemant Zade	10
19	Ayush Ramesh Chambhare	AA
20	Ayush Shivaji Waghmare	15
21	Ayushi Arun Kawade	21
22	Bhairavi Gajanan Thakare	15
23	Bhavika Anil Raut	25
24	Chanchal Anil Chanap	15
25	Chetan Gunwantarao Khadse	27
26	Darshan Sunil Jogi	AA
27	Devkumar Ganesh Nagpure	28
28	Devyani Sanjay Karangale	7
29	Dhanashri Vijaykumar Chitlange	7
30	Dipali Gangadhar Singade	AA
31	Gulshan Kumar Prem Sharma	24
32	Harsh Manik Parate	5
33	Harshada Hansraj Zade	12

34	Harshada Vilas Bobade	AA
35	Himanshu Krushanarao Deoghare	5
36	Himdevi Sanjay Thakre	28
37	Jayesh Vishwambhar Akarte	26
38	Kalyani Sudhakar Mendhe	10
39	Kalyani Sukhadeo Vaidya	8
40	Kumud Subhash Turkar	20
41	Laxmi Mohan Badge	6
42	Laxmi Rajeshkumar Rahangdale	29
43	Madhav Sunil Sakharkar	20
44	Manshri Arvind Mandiye	9
45	Minakshi Dhanvant Shiwankar	27
46	Mitali Ramesh Kathe	AA
47	Mohd. Jubair Amrullah Hasan Khan	7
48	Mohit Haribhau Fulkar	28
49	Navin Ravi Kaithwas	30
50	Nikita Umesh Shendre	29
51	Nisarga Bhushan Gaikwad	18
52	Omkar Sunil Dhage	5
53	Paritosh Prakash Barai	23
54	Pooja Tarachand Samarth	29
55	Poonam Bhimrao Kokale	21
56	Prachi Arvind Kalbande	AA
57	Prajwal Himmat Gaikwad	25
58	Prajwal Nitin Sakhare	13
59	Prajwal Sunil Dharnedhar	18
60	Pranav Sanjay Manapure	15
61	Pranay Sanjay Sadanpawar	28
62	Pratham Bharat Duryodhan	11
63	Pratham Prashant Paunekar	9
64	Pratik Vinodrao Thosar	30
65	Preyas Rajendra Zodape	16
66	Pushpak Ganesh Sakharkar	7
67	Rahul Narayan Kanojiya	AA
68	Raj Dnyaneshwar Khandare	11
69	Rajjat Sanjay Balbuddhe	22
70	Renuka Padmanabh Deshpande	22
71	Rishabh Vikas Maske	28
72	Ritik Gajanan Sapate	20
73	Riya Sanjay Chauhan	16
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76	Sahil Kishor Mate	14
77	Sakshi Anil Mahalle	20
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79	Saloni Sunil Bandebuche	12
80	Samiksha Ramesh Mahajan	29
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82	Sarika Khorgade	19
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94	Shubham Narayanrao Mokaddam	30
95	Snehal Ratan Suryawanshi	25
96	Sovit Sanjay Khairkar	15
97	Srushti Mahesh Birewar	5
98	Suchit Vivek Shende	28
99	Sukanya Balkrushna Moharle	12
100	Suraj Raoji Tulavi	7
101	Suyog Yogesh Gujar	14
102	Tanu Sanjay Jayswal	17
103	Trupti Gajanan Madavi	19
104	Umme Nahedia Shakeel Ahmad	9
105	Vaibhavi Vijay Kalode	16
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107	Yash Milind Raikwar	7
108	Yash Vijay Khedikar	22
109	Yash Dipak Jadhao	9
110	Yash Manohar Dahiwale	6
111	Yash Vinod Khanke	AA
112	Yashshree Vidyadhar Chiplunkar	AA



Signature of the Teacher



Head  
Department of Computer Science



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

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-III)  
Visual Basic Programming Paper-I  
UNIT TEST on Unit I - II**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-I**

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

- |   |   |
|---|---|
| 1.Explain DirListBox control in detail.                                       | 5 |
| 2. Explain the different data types used in VB.                               | 5 |
| 3.Explain different operator supported by VB.                                 | 5 |
| 4. What is variables? Explain Implicit and Explicit declaration of variables. | 5 |

**UNIT-II**

**QUE. 2. SOLVE ANY THREE QUESTIONS:**

- |   |   |
|---|---|
| 1.Differentiate between subroutine and function.                  | 5 |
| 2.Explain: i)LTRIM ii)RTRIM                                       | 5 |
| 3. Explain Form module with example.                              | 5 |
| 4.Explain the different conversion functions used in visual basic | 5 |



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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.  
BCAII Semester-III(2021-22)**

**Visual Basic Programming Paper-I**

**Result of Unit Test held on 6/11/2021 on Unit III and Unit IV**

**Name of the teacher: Shrutika V. Lokhande**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30 in Unit III-IV</b>
1	Aakansha Manik Malewar	20
2	Aanchal Ashwani Yadav	26
3	Aaysuh Ruplal Gour	10
4	Abhay Kapurchand Baghele	5
5	Aditya Sandeep Nageshwar	12
6	Aditya Sudhakar Parchand	AA
7	Aditya Vinayak Kochare	AA
8	Aman Bandu Manwatkar	15
9	Aman Dilip Morghade	AA
10	Anish Manish Gour	28
11	Ankush Chandan Pounikar	9
12	Anuja Vilas Masalkar	11
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15	Arpita Govind Khavaskar	AA
16	Arth Haridas Atkare	20
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19	Ayush Ramesh Chambhare	9
20	Ayush Shivaji Waghmare	15
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59	Prajwal Sunil Dharnedhar	AA
60	Pranav Sanjay Manapure	AA
61	Pranay Sanjay Sadanpawar	28
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85	Sejal Vijay Patil	25
86	Shadab Shakil Khan Pathan	18
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88	Shashank Naresh Marwade	18
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Signature of the Teacher



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Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-III)  
Visual Basic Programming Paper-I  
UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-III**

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

1. Design a framebase application and write a code to check whether the entered number is odd or even. 5
- 2.Explain VDM in detail. 5
- 3.Explain data control events and properties with suitable example. 5
- 4.Explain DAO, RDO and ADO. 5

**UNIT-IV**

**QUE. 2. SOLVE ANY THREE QUESTIONS:**

1. What is an Error object? Explain. 5
2. What is data report? Discuss part of data report and control in detail. 5
- 3.What do you mean by data environment? Explain its components. 5
- 4.Write short notes on Error Trapping and Error Handling. 5



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.  
BCA II Semester-III (2021-22)  
SUBJECT Paper-II  
Result of Unit Test held on 16/09/2021 on  
Unit I and UNIT II**

**Name of the teacher: V.C.Pande**

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1.	Aakansha Manik Malewar	14
2.	Aanchal Ashwani Yadav	2
3.	Aaysuh Rupal Gour	21
4.	Abhay Kapurchand Baghele	10
5.	Aditya Sandeep Nageshwar	0
6.	Aditya Sudhakar Parchand	13
7.	Aditya Vinayak Kochare	8
8.	Akash Ashok Zade	14
9.	Aman Bandu Manwatkar	22
10.	Aman Dilip Morghade	11
11.	Anish Manish Gour	12
12.	Anjali Ghamandilal Choudhary	6
13.	Ankush Chandan Pounikar	5
14.	Anshul Arvind Gedam	0
15.	Anuja Vilas Masalkar	5
16.	Archi Ashok Khandelwal	2
17.	Arpita Govind Khavaskar	1
18.	Arth Haridas Atkare	14
19.	Ayas Jahid Pathan	4
20.	Ayush Hemant Zade	1
21.	Ayush Ramesh Chambhare	1
22.	Ayush Shivaji Waghmare	8
23.	Ayushi Arun Kawade	13

24.	BhairaviGajananThakare	18
25.	BhavikaAnilRaut	25
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29.	DevyaniSanjayKarangale	3
30.	DhanashriVijaykumarChitlange	13
31.	DipaliGangadharSingade	4
32.	GulshanKumarPremSharma	12
33.	HarshManikParate	15
34.	HarshadaHansrajZade	22
35.	HarshadaVilasBobade	1
36.	HimanshuKrushanaraoDeoghare	0
37.	HimdeviSanjayThakre	22
38.	JatinRajivDhurve	20
39.	JayeshVishwambharAkarte	15
40.	JayshreeJitlalWasnik	13
41.	KalyaniSudhakarMendhe	22
42.	KalyaniSukhadeoVaidya	8
43.	KumudSubhashTurkar	21
44.	LaxmiMohanBadge	21
45.	LaxmiRajeshkumarRahangdale	2
46.	MadhavSunilSakharkar	3
47.	ManshriArvindMandiye	5
48.	MinakshiDhanvantShiwankar	17
49.	MitaliRameshKathe	22
50.	Mohd.JubairAmrullahHasanKhan	22
51.	MohitHaribhauFulkar	14
52.	MohnishSurpatKhairwar	2

53.	NavinRaviKaithwas	21
54.	NikitaUmeshShendre	10
55.	NikitaWamanraoAmbulkar	0
56.	NisargaBhushanGaikwad	13
57.	OmkarSunilDhage	8
58.	ParitoshPrakashBarai	14
59.	PoojaTarachandSamarth	22
60.	PoonamBhimraoKokale	11
61.	PrachiArvindKalbande	12
62.	PrajwalHimmatGaikwad	6
63.	PrajwalNitinSakhare	5
64.	PrajwalSunilDharnedhar	0
65.	PranavSanjayManapure	5
66.	PranayPrabhakarPunvatkar	2
67.	PranaySanjaySadanpawar	1
68.	PrathamBharatDuryodhan	14
69.	PrathamPrashantPaunikar	4
70.	PratikVinodraoThosar	1
71.	PreyasRajendraZodape	1
72.	RahulNarayanKanojiya	8
73.	RajDnyaneshwarKhandare	13
74.	RajjatSanjayBalbuddhe	18
75.	RishabhVikasMaske	25
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77.	RiyaSanjayChauhan	4
78.	RiyaSanjayKhanore	20
79.	RohanMaheshChintalwar	3
80.	SahilKishorMate	13
81.	SakshiAnilMahalle	4

82.	SakshiUmeshDumre	12
83.	SaloniSunilBande buche	15
84.	SamikshaRameshMahajan	22
85.	SanchitHarishSurushe	1
86.	SarikaKhorgade	0
87.	SashantDinanathDeoghare	22
88.	SejalAshutoshShahu	20
89.	SejalVijayPatil	15
90.	ShantanuPruthvirajKhaparde	13
91.	ShashankNareshMarwade	22
92.	ShivamShankarPichake	8
93.	ShivanshGaneshPaithane	21
94.	ShreyashSunilDeulkar	21
95.	ShrutiAbhaySingh	2
96.	ShrutiJayantShivankar	3
97.	ShrutiManojVerma	5
98.	SiddhantJayprakashWankhade	17
99.	SmarnikaVirendraBorkar	22
100.	SnehalRatanSuryawanshi	22
101.	SovitSanjayKhairkar	0
102.	SrushtiMaheshBirewar	22
103.	SuchitVivekShende	20
104.	SukanyaBalkrushnaMoharle	15
105.	SurajRaojiTulavi	13
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111.	VaishnaviKailashGour	3
112.	YashMilindRaikwar	5
113.	YashVijayKhedikar	17
114.	YashDipakJadhao	22
115.	YashManoharDahiwale	22
116.	YashVinodKhanke	Ab
117.	YashshreeVidyadharChiplunkar	ab

**Signature of the Teacher**

**Head of Department**



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Shri Shivaji Education Society Amravati's  
**Science College, Congress Nagar, Nagpur**  
Academic Session 2021-2022  
Bachelor of computer Application (BCA) (Semester-III)  
Paper-II  
(SUBJECT -DBMS)

**UNIT TEST**

**Time: 45 min.]**

**[MaximumMarks: 30**

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- (A) What is DBMS ? What are the advantages of DBMS over traditional file system ? 5  
(B) Explain Network model with example. ? 5  
(C) Write a short note on Database users.? 5  
(D) What are the components of DBMS ? Explain? 5

**UNIT- II**

**QUE. 2. SOLVE ANY THREE**

- (A) Design E-R diagram to show relationship between Teacher-Student and Course. ? 5  
(B) What are mapping cardinalities ? Explain its different types with suitable diagram. ? 5  
(C) Explain different keys in DBMS. ? 5  
(D) Draw E-R Diagram to show relationship between Parts-Suppliers-Department, where Supplier 'Can supply' Parts, Department 'needs' parts and Department 'Deals with' Suppliers.? 5

**Signature of the Teacher**

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SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S

SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.

BCA II Semester-III (2021-22)

SUBJECT Paper-II

Result of Unit Test held on 20/10/2021 on

Unit III and UNIT IV

Name of the teacher: V.C.Pande

Sr. No.	Name	Marks out of 30
1.	Aakansha Manik Malewar	10
2.	Aanchal Ashwani Yadav	ab
3.	Aaysuh Rupal Gour	21
4.	Abhay Kapurchand Baghele	10
5.	Aditya Sandeep Nageshwar	10
6.	Aditya Sudhakar Parchand	13
7.	Aditya Vinayak Kochare	ab
8.	Akash Ashok Zade	14
9.	Aman Bandu Manwatkar	22
10.	Aman Dilip Morghade	11
11.	Anish Manish Gour	ab
12.	Anjali Ghamandilal Choudhary	16
13.	Ankush Chandan Pounikar	5
14.	Anshul Arvind Gedam	08
15.	Anuja Vilas Masalkar	5
16.	Archi Ashok Khandelwal	2
17.	Arpita Govind Khavaskar	0
18.	Arth Haridas Atkare	Ab
19.	Ayas Jahid Pathan	21
20.	Ayush Hemant Zade	10
21.	Ayush Ramesh Chambhare	0
22.	Ayush Shivaji Waghmare	13
23.	Ayushi Arun Kawade	8

24.	BhairaviGajananThakare	14
25.	BhavikaAnilRaut	22
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27.	ChetanGunwantaraoKhadse	12
28.	DarshanSunilJogi	6
29.	DevyaniSanjayKarangale	ab
30.	DhanashriVijaykumarChitlange	0
31.	DipaliGangadharSingade	15
32.	GulshanKumarPremSharma	12
33.	HarshManikParate	1
34.	HarshadaHansrajZade	14
35.	HarshadaVilasBobade	Ab
36.	HimanshuKrushanaraoDeoghare	11
37.	HimdeviSanjayThakre	11
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44.	LaxmiMohanBadge	20
45.	LaxmiRajeshkumarRahangdale	13
46.	MadhavSunilSakharkar	13
47.	ManshriArvindMandiye	4
48.	MinakshiDhanvantShiwankar	12
49.	MitaliRameshKathe	15
50.	Mohd.JubairAmrullahHasanKhan	22
51.	MohitHaribhauFulkar	12
52.	MohnishSurpatKhairwar	12



53.	NavinRaviKaithwas	13
54.	NikitaUmeshShendre	15
55.	NikitaWamanraoAmbulkar	14
56.	NisargaBhushanGaikwad	12
57.	OmkarSunilDhage	11
58.	ParitoshPrakashBarai	12
59.	PoojaTarachandSamarth	10
60.	PoonamBhimraoKokale	02
61.	PrachiArvindKalbande	02
62.	PrajwalHimmatGaikwad	15
63.	PrajwalNitinSakhare	10
64.	PrajwalSunilDharnedhar	15
65.	PranavSanjayManapure	18
66.	PranayPrabhakarPunvatkar	Ab
67.	PranaySanjaySadanpawar	Ab
68.	PrathamBharatDuryodhan	10
69.	PrathamPrashantPaunikar	Ab12
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86.	SarikaKhorgade	21
87.	SashantDinanathDeoghare	21
88.	SejalAshutoshShahu	20
89.	SejalVijayPatil	21
90.	ShantanuPruthvirajKhaparde	23
91.	ShashankNareshMarwade	25
92.	ShivamShankarPichake	285
93.	ShivanshGaneshPaithane	26
94.	ShreyashSunilDeulkar	28
95.	ShrutiAbhaySingh	25
96.	ShrutiJayantShivankar	24
97.	ShrutiManojVerma	25
98.	SiddhantJayprakashWankhade	25
99.	SmarnikaVirendraBorkar	10
100.	SnehalRatanSuryawanshi	12
101.	SovitSanjayKhairkar	12
102.	SrushtiMaheshBirewar	02
103.	SuchitVivekShende	20
104.	SukanyaBalkrushnaMoharle	20
105.	SurajRaojiTulavi	23
106.	SuyogYogeshGujar	23
107.	TanuSanjayJayswal	Ab
108.	TruptiGajananMadavi	21
109.	UmmeNahediaShakeelAhmad	20
110.	VaibhaviVijayKalode	21

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115.	YashManoharDahiwale	28
116.	YashVinodKhanke	25
117.	YashshreeVidyadharChiplunkar	24

**Signature of the Teacher**

**Head of Department**



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

Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of computer Application (BCA) (Semester-II)  
Paper-II  
(SUBJECT -DBMS)

**UNIT TEST**

**Time: 45 min.]**

**[MaximumMarks: 30**

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- (A) Explain union and intersection operation with suitable example? 5
- (B) Consider the following relations :  
Employee (emp\_no, e\_name, e\_address)  
Project (project\_no, project\_name)  
Work\_on (emp\_no, project\_no)  
Answer the following query :  
Print the name of employees who are working on project "DBMS".? 5
- (C) Explain Natural Join Operation with suitable example.? 5
- (D) Explain the difference operation with suitable example. ? 5

**UNIT- IV**

**QUE. 2. SOLVE ANY THREE**

- A) Explain 3NF with suitable example. ? 5
- (B) Explain :  
(i) Functional dependency  
(ii) Transitive dependency. ? 5
- (C) Explain 5NF with suitable example. ? 5
- (D) What is Normalization ? What are the objectives of the normalization ? 5



**Signature of the Teacher**



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

**Bachelor of Computer Application**

**B.C.A. II Semester-III (2021-22)**

**Data Structure Paper-III**

**Result of Unit Test held on 16/09/2021 on Unit I & II**

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

<b>Sr. No</b>	<b>Name of the Students</b>	<b>Marks out of 30</b>
1	Aakansha Manik Malewar	16
2	Aanchal Ashwani Yadav	20
3	Aaysuh Rupal Gour	27
4	Abhay Kapurchand Baghele	11
5	Aditya Sandeep Nageshwar	13
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15	Anuja Vilas Masalkar	14
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65	Pranav Sanjay Manapure	20
66	Pranay Prabhakar Punvatkar	10
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**Signature of the Teacher**



**Head  
Department of Computer Science**



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

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

**Academic Session (2021-2022)**

**B.C.A. II Semester-III (2021-22)**

**Data Structure Paper-III**

[TIME:48 MIN]

[MARKS: 30]

**UNIT I**

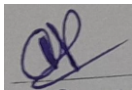
**Que 1. Solve any three**

1. Write an algorithm to insert a node at the beginning of linked list. 5
2. How polynomial expression can be represented using linked list . 5
3. What is Linked List ? What are the types of linked list ? Write an algorithm to insert a node at the beginning of linked list. 5
4. Write an algorithm to delete the last node of single linked list. 5

**UNIT II**

**Que 2. Solve any three**

1. Write an algorithm to convert Infix expression to Postfix expression. 5
2. Explain Quicksort method with suitable example. 5
3. What is circular queue ? Explain the overflow and underflow condition in array representation of circular queue. 5
4. Write a recursive algorithm for Tower of Hanoi Problem. 5



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

**Bachelor of Computer Application**

**B.C.A. II Semester-III (2021-22)**

**Data Structure Paper-III**

**Result of Unit Test held on 25/11/2021 on Unit III & IV**

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

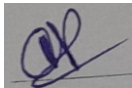
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**Signature of the Teacher**



**Head  
Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's**

**Science College, Congress Nagar, Nagpur**

**Academic session (2021-2022)**

**B.C.A. II Semester-III (2021-22)**

**Data Structure Paper-III**

**UNIT III**

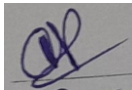
**Que 1. Solve any three**

1. What is Hashing ? Explain collision resolution technique. 5
2. Explain selection sort method with suitable example. 5
3. What is a Queue ? Explain array representation of queue in memory. 5
4. Write a short note on representation of graph using linked list and matrix. 5

**UNIT IV**

**Que 2. Solve any three**

1. What is Tree ? Explain the concept of Binary Search Tree. 5
2. Explain BFS traversing on graphs. 5
3. Write an algorithm for preorder traversal of Binary Tree. 5
4. Write a short note on representation of graph using linked list and matrix.



**Signature of the Teacher**



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.  
BCA-II Semester-II (2021-22)  
Operation Research-I Paper-IV  
Result of Unit Test held on 07/9/2021 on  
Unit I and Unit II**

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

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	AACHAL RAJNAND ARVERKAR	18
2	AAYUSH RAJENDRA TAREKAR	12
3	ABHISHEK SANJAY THOKAL	11
4	ADITYA KAILAS MANE	18
5	AISHWARYA NAMDEV LATKAR	20
6	AKANKSHA AJAYKUMAR SHENDE	25
7	ALKESH ARUN MAHAMUNE	26
8	ANSH MOHAN PIMPLE	28
9	ANSHU GUNWANT YEKUDE	22
10	ANUJA VILAS ZADE	21
11	ANUPAM RAKESH PANDEY	30
12	ANURAG GANESH MASRAM	25
13	ANURAG RAJESH WASNIK	28
14	ARCHANA TEJRAM SHARNAGATE	27
15	AYUSH BABAN PAWAR	24
16	AYUSH RAJESH DUBEY	15
17	CHETNA SUNIL HEDAU	11
18	DARSHAN SUDESH KAMBLE	15
19	DEVASHISH SANTOSHKUMAR TEMBHARE	19
20	EKNATH VIJAY KAPSE	20



21	GAURAV LAXMICHAND RAHANGDALE	21
22	HARSH ASHISH KSHIRSAGAR	23
23	HARSH HARISH GAIKWAD	24
24	HARSHAL RAJU DAF	25
25	HARSHALI ASHOK TAKALKHEDE	18
26	HIMANSHU YASHWANT GAIDHANE	12
27	ISHWESHWARI RAJENDRA THAKRE	11
28	KAJAL ASHOK UMARE	18
29	KALASH SUKRAM GONDHULE	20
30	KARINA PARASRAM ATRAHE	25
31	KARTAVYA PRAKASH BADGE	26
32	KARTIK SUDHAKAR BAMBAL	28
33	KHUSHEE UDELAL PARDHI	22
34	KHUSHI ASHOK GHATE	21
35	KHUSHI MANOJ BHAGAT	23
36	KOMAL KAILASH PATIYE	25
37	KRUNAL AJAY KUHITE	28
38	LEENA MURLIDHAR YENKAR	27
39	MAHIMA RAJENDRA BHASMOTE	24
40	MAI RAMDAS BANSOD	15
41	MANAS SHAILENDRA KOKATE	11
42	MOIN ABDUL WAHID KHAN	15
43	MUGHEES UR SHAFIQR RAHMAN ANSARI	19
44	MUSHFIQUE MEHBOOB ALI	20
45	NAMRATA PRAMOD THAWARE	21
46	NANDINI PRAVINSINGH SURYAWANSHI	23
47	NANDINI VIJAYRAO KHANDARE	24
48	NAYANI SUNIL BORKAR	25
49	NEHA VIJAY VAIDYA	18
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51	NIKITA SATISH WARATKAR	11

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53	NISARGA SANJAY HADKE	20
54	NITESH NEHARULAL PATRE	25
55	OM PANKAJ THORAT	26
56	PAWAN HOMRAJ SATPUTE	28
57	PAWANKUMAR RAMKISHOR GOKHE	22
58	PAYAL JAYENDRA AMBULE	21
59	PIYUSH CHANDRAMANI KHANDEKAR	23
60	PRACHI DNYANESHWAR BARDE	25
61	PRACHI MAHESH HULKE	28
62	PRAJWAL ASHOKRAO CHAUDHARI	27
63	PRANALI PRABHAKAR NAGPURE	24
64	PRANAY VAISRAJ GEDAM	15
65	PRANJAL RAJESH AMBULKAR	11
66	PRANJALI CHANDRAKANT KATRE	15
67	PRASHANT KISANAJI HIRUDKAR	19
68	PRATHMESH SHRAWAN ZADE	20
69	PRATIK TULSHIRAM BHUJADE	21
70	PRITI BIJENDRA PANDEY	23
71	PUJAN SANJAY SHAHARE	24
72	PUSHPAK ANIL TAMBULKAR	25
73	RAJNI MANOJRAO PISE	18
74	REHAN SHAHEJAD FARUKI	12
75	RISHITA ASHOK RAUT	11
76	RUCHIKA SHANKAR MESHRAM	18
77	RUPESH RAJENDRA GHUMARE	20
78	SAGAR SUNIL KALBANDHE	25
79	SAHIL GANESH BHEDE	26
80	SAHIL RAVINDRA CHOUDHARI	28
81	SAMIKSHA NARENDRA NAKSHANE	22
82	SAMIKSHA PRAKASH DUPARE	21

83	SANCHALI RAMKRUSHNA DHOTE	23
84	SANJANA VINOD WELE	25
85	SANKET KISHOR TIKHADE	28
86	SARANG NARENDRA BURDE	27
87	SARVESH RAMESH SAHARE	24
88	SAURABH GANESH GAIKWAD	15
89	SAYYAM SHYAMKUMAR CHICHKHEDE	11
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116	VIKAS NAMDEO SANAP	20
117	YASH NARESH SONBARSE	21
118	YASH PRAVIN KHARABE	23
119	YASHASHREE RAMESHRAO PADWE	24
120	Shlok Yadav	22
121	Anurag Mishra	21



**Signature of the Teacher**



**Head  
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**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-II)  
Operation Resarch-I, Paper-IV  
UNIT TEST on Unit I - II**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-I**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| Explain different phases of operations research. | 5 |
| Give the methodology of operation research.      | 5 |
| Define Linear Programming problem.               | 5 |
| Define General Linear Programming Problem.       | 5 |

**UNIT-II**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| Explain Simplex algorithm.   | 5 |
| 2. Explain Vogel's approximation method for transportation problem.                | 5 |
| 3. What do you mean by unbalanced transportation problem? How will you balance it? | 5 |
| 4. What are limitations of graphical method?                                       | 5 |



**Signature of the Teacher**



**Head  
Department of Computer Science**



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

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

**BCA II Semester-II (2021-22)**

**Operation Research-I Paper-IV**

**Result of Unit Test held on 21/10/2021 on**

**Unit III and Unit IV**

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

<b>Sr. No.</b>	<b>Name</b>	<b>Marks out of 30</b>
1	AACHAL RAJNAND ARVERKAR	18
2	AAYUSH RAJENDRA TAREKAR	12
3	ABHISHEK SANJAY THOKAL	11
4	ADITYA KAILAS MANE	18
5	AISHWARYA NAMDEV LATKAR	20
6	AKANKSHA AJAYKUMAR SHENDE	25
7	ALKESH ARUN MAHAMUNE	26
8	ANSH MOHAN PIMPLE	28
9	ANSHU GUNWANT YEKUDE	22
10	ANUJA VILAS ZADE	21
11	ANUPAM RAKESH PANDEY	30
12	ANURAG GANESH MASRAM	25
13	ANURAG RAJESH WASNIK	28
14	ARCHANA TEJRAM SHARNAGATE	27
15	AYUSH BABAN PAWAR	24
16	AYUSH RAJESH DUBEY	15
17	CHETNA SUNIL HEDAU	11

18	DARSHAN SUDESH KAMBLE	15
19	DEVASHISH SANTOSHKUMAR TEMBHARE	19
20	EKNATH VIJAY KAPSE	20
21	GAURAV LAXMICHAND RAHANGDALE	21
22	HARSH ASHISH KSHIRSAGAR	23
23	HARSH HARISH GAIKWAD	24
24	HARSHAL RAJU DAF	25
25	HARSHALI ASHOK TAKALKHEDE	18
26	HIMANSHU YASHWANT GAIDHANE	12
27	ISHWESHWARI RAJENDRA THAKRE	11
28	KAJAL ASHOK UMARE	18
29	KALASH SUKRAM GONDHULE	20
30	KARINA PARASRAM ATRAHE	25
31	KARTAVYA PRAKASH BADGE	26
32	KARTIK SUDHAKAR BAMBAL	28
33	KHUSHEE UDELAL PARDHI	22
34	KHUSHI ASHOK GHATE	21
35	KHUSHI MANOJ BHAGAT	23
36	KOMAL KAILASH PATIYE	25
37	KRUNAL AJAY KUHITE	28
38	LEENA MURLIDHAR YENKAR	27
39	MAHIMA RAJENDRA BHASMOTE	24
40	MAI RAMDAS BANSOD	15
41	MANAS SHAIENDRA KOKATE	11
42	MOIN ABDUL WAHID KHAN	15
43	MUGHEES UR SHAFIQR RAHMAN ANSARI	19
44	MUSHFIQUE MEHBOOB ALI	20
45	NAMRATA PRAMOD THAWARE	21
46	NANDINI PRAVINSINGH SURYAWANSHI	23
47	NANDINI VIJAYRAO KHANDARE	24
48	NAYANI SUNIL BORKAR	25

49	NEHA VIJAY VAIDYA	18
50	NIDHI KOMAL CHANDEL	12
51	NIKITA SATISH WARATKAR	11
52	NILESH HIRJI SHAHARE	18
53	NISARGA SANJAY HADKE	20
54	NITESH NEHARULAL PATRE	25
55	OM PANKAJ THORAT	26
56	PAWAN HOMRAJ SATPUTE	28
57	PAWANKUMAR RAMKISHOR GOKHE	22
58	PAYAL JAYENDRA AMBULE	21
59	PIYUSH CHANDRAMANI KHANDEKAR	23
60	PRACHI DNYANESHWAR BARDE	25
61	PRACHI MAHESH HULKE	28
62	PRAJWAL ASHOKRAO CHAUDHARI	27
63	PRANALI PRABHAKAR NAGPURE	24
64	PRANAY VAISRAJ GEDAM	15
65	PRANJAL RAJESH AMBULKAR	11
66	PRANJALI CHANDRAKANT KATRE	15
67	PRASHANT KISANAJI HIRUDKAR	19
68	PRATHMESH SHRAWAN ZADE	20
69	PRATIK TULSHIRAM BHUJADE	21
70	PRITI BIJENDRA PANDEY	23
71	PUJAN SANJAY SHAHARE	24
72	PUSHPAK ANIL TAMBULKAR	25
73	RAJNI MANOJRAO PISE	18
74	REHAN SHAHEJAD FARUKI	12
75	RISHITA ASHOK RAUT	11
76	RUCHIKA SHANKAR MESHRAM	18
77	RUPESH RAJENDRA GHUMARE	20
78	SAGAR SUNIL KALBANDHE	25
79	SAHIL GANESH BHEDE	26



80	SAHIL RAVINDRA CHOUDHARI	28
81	SAMIKSHA NARENDRA NAKSHANE	22
82	SAMIKSHA PRAKASH DUPARE	21
83	SANCHALI RAMKRUSHNA DHOTE	23
84	SANJANA VINOD WELE	25
85	SANKET KISHOR TIKHADE	28
86	SARANG NARENDRA BURDE	27
87	SARVESH RAMESH SAHARE	24
88	SAURABH GANESH GAIKWAD	15
89	SAYYAM SHYAMKUMAR CHICKHEDE	11
90	SHARDUL SUDHIR GARADE	15
91	SHIVAM RAMESH NACHANKAR	19
92	SHRAVANI VINOD DESHMUKH	20
93	SHREYA LAHU WAGH	21
94	SHRUSTI RAJESH RAMTEKE	23
95	SHWETA BALKRUSHNA BADKHAL	24
96	SIDDHESH SUBHASH GUHE	25
97	SNEHA SANDIP WASNIK	18
98	SNEHAL RAVINDRA RAJGE	12
99	TANMAY PREMGOPAL MALGHATE	11
100	TANUSHREE RAM JAULKAR	18
101	TANUSHREE REVNATH KOLHEKAR	20
102	TANVI DINESH TURKAR	25
103	TANVI RAJEEV DEDHE	26
104	TEJAS DNYANESHWAR WANKHEDE	28
105	TEJASWINI PUNDLIK YEKUDE	22
106	TRINKAL SANJAY DHALE	21
107	TRUPTI ASHOK PATLE	23
108	TULSI UMAKANT MALGHATE	25
109	TUSHAR BHAUJI BAGADE	28
110	VAIBHAVI CHANDRASHEKHAR MESHRAM	27

111	VAIBHAVI DHANPAL PATLE	24
112	VAISHALI MADHUKAR CHAUDHARI	15
113	VAISHNAVI SUNIL GAIKWAD	11
114	VAISHNAVI VINOD MAHAKALKAR	15
115	VANSHIKA ARUN KHANDATE	19
116	VIKAS NAMDEO SANAP	20
117	YASH NARESH SONBARSE	21
118	YASH PRAVIN KHARABE	23
119	YASHASHREE RAMESHRAO PADWE	24
120	Shlok Yadav	22
121	Anurag Mishra	21



**Signature of the Teacher**



**Head  
Department of Computer Science**



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

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-II)  
Operation Resarch-I, Paper-IV  
UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30 ]

**UNIT-III**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| Explain North-West corner method for Transportation problem. | 5 |
| Give the methodology of operation research.                  | 5 |
| Define Linear Programming problem.                           | 5 |
| Define General Linear Programming Problem.                   | 5 |

**UNIT-IV**

**QUE. 1. SOLVE ANY THREE**

- |  |   |
|--|---|
| 1. Explain Simplex algorithm.  | 5 |
| 2. Explain Vogel's approximation method for transportation problem.                | 5 |
| 3. What do you mean by unbalanced transportation problem? How will you balance it? | 5 |
| 4. What are limitations of graphical method?                                       | 5 |



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
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Congress Nagar, Nagpur



**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-III)  
Sub-Webtechnology-I  
Result of Unit Test Held on 16-9-21  
UNIT TEST on Unit I ,UNIT-II**

Name of Teacher-Manisha Kongre

Sr. No.	Name	Marks out of 30
1	AHMAD UMMENAHEDIA SHAKEEL	18
2	AKARTE JAYESH VISHWAMBHAR	12
3	ATKARE ARTH HARIDAS	AB
4	BADGE LAXMI MOHAN	18
5	BAGHELE ABHAY KAPURCHAND	20
6	BALBUDDHE RAJJAT SANJAY	22
7	BANDEBUICHE SALONI SUNIL	AB
8	BARAI PARITOSH PRAKASH	26
9	BIREWAR SRUSHTI MAHESH	AB
10	BOBADE HARSHADA VILAS	21
11	CHAMBHARE AYUSH RAMESH	13
12	CHANAP CHANCHAL ANIL	28
13	CHAUHAN RIYA SANJAY	27
14	CHINTALWAR ROHAN MAHESH	27
15	CHIPLUNKAR YASHSHREE VIDYADHAR	AB
16	CHITLANGE DHANSHRI VIJAYKUMAR	12
17	DAHIWALE YASH MANOHAR	15
18	DEOGHARE HIMANSHU KRUSHANARAO	13
19	DEOGHARE SASHANT DINANATH	17
20	DEHPANDE RENUKA PADMANABH	AB
21	DEULKAR SHREYASH SUNIL	20
22	DHAGE OMKAR SUNIL	23
23	DHARNEDHAR PRAJWAL SUNIL	12
24	DUMRE SAKSHI UMESH	24

25	DURYODHAN PRATHAM BHARAT	23
26	FULKAR MOHIT HARIBHAU	27
27	GAIKWAD NISARGA BHUSHAN	28
28	GAIKWAD PRAJWAL HIMMAT	11
29	GOUR AAYSUH RUPLAL	13
30	GOUR ANISH MANISH	14
31	GOUR VAISHNAVI KAILASH	15
32	GUJAR SUYOG YOGESH	17
33	JADHAO YASH DIPAK	19
34	JAYSWAL TANU SANJAY	13
35	JOGI DARSHAN SUNIL	22
36	KAITHWAS NAVIN RAVI	23
37	KALBANDE PRACHI ARVIND	25
38	KALODE VAIBHAVI VIJAY	26
39	KANOJIYA RAHUL NARAYAN	AB
40	KARANGALE DEVYANI SANJAY	13
41	KATHE MITALI RAMESH	16
42	KAWADE AYUSHI ARUN	16
43	KHADSE CHETAN GUNWANTRAO	17
44	KHAIRKAR SOVIT SANJAY	AB
45	KHAN MOHD. JUBAIR AMRULLAH HASAN	AB
46	KHANDARE RAJ DNYANESHWAR	23
47	KHANDELWAL ARCHI ASHOK	22
48	KHANKE YASH VINOD	25
49	KHANORE RIYA SANJAY	23
50	KHAPARDE SHANTANU PRUTHVIRAJ	22
51	KHAVASKAR ARPITA GOVIND	26
52	KHEDIKAR YASH VIJAY	27
53	KHORGADE SARIKA	24
54	KOCHARE ADITYA VINAYAK	22
55	KOKALE POONAM BHIMRAO	26

56	MADAVI TRUPTI GAJANAN	26
57	MAHAJAN SAMIKSHA RAMESH	27
58	MAHALLE SAKSHI ANIL	28
59	MALEWARAAKANSHA MANIK	29
60	MANAPURE PRANAV SANJAY	23
61	MANDIYE MANSHRI ARVIND	11
62	MANWATKAR AMAN BANDU	12
63	MARWADE SHASHANK NARESH	14
64	MASALKAR ANUJA VILAS	15
65	MASKE RISHABH VIKAS	16
66	MATE SAHIL KISHOR	16
67	MENDHE KALYANI SUDHAKAR	AB
68	MOHARLE SUKANYA BALKRUSHNA	18
69	MOKADDAM SHUBHAM NARAYANRAO	18
70	MORGHADE AMAN DILIP	13
71	NAGESHWAR ADITYA SANDEEP	21
72	NAGPURE DEVKUMAR GANESH	22
73	PAITHANE SHIVANSH GANESH	24
74	PARATE HARSH MANIK	25
75	PARCHAND ADITYA SUDHAKAR	26
76	PATHAN SHADAB SHAKIL KHAN	23
77	PATHAN AYAS JAHID	22
78	PATIL SEJAL VIJAY	12
79	PAUNIKAR PRATHAM PRASHANT	14
80	POUNIKAR ANKUSH CHANDAN	15
81	RAHANGDALE LAXMI RAJESHKUMAR	16
82	RAIKWAR YASH MILIND	15
83	RAUT BHAVIKA ANIL	18
84	SADANPAWAR PRANAY SANJAY	19
85	SAKHARE PRAJWAL NITIN	20
86	SAKHARKAR MADHAV SUNIL	22

87	SAKHARKAR PUSHPAK GANESH	22
88	SAMARTH POOJA TARACHAND	23
89	SAPATE RITIK GAJANAN	24
90	SHAHU SEJAL ASHUTOSH	26
91	SHARMA GULSHAN KUMAR PREM	AB
92	SHENDE SUCHIT VIVEK	12
93	SHENDRE NIKITA UMESH	23
94	SHIVANKAR SHRUTI JAYANT	11
95	SHIWANKAR MINAKSHI DHANVANT	22
96	SINGADE DIPALI GANGADHAR	22
97	SINGH SHRUTI ABHAY	23
98	SURUSHE SANCHIT HARISH	24
99	SURYAWANSHI SNEHAL RATAN	AB
100	THAKARE BHAIRAVI GAJANAN	22
101	THAKRE HIMDEVI SANJAY	12
102	THOSAR PRATIK VINODRAO	11
103	TULAVI SURAJ RAOJI	18
104	TURKAR KUMUD SUBHASH	20
105	VAIDYA KALYANI SUKHADEO	AB
106	VERMA SHRUTI MANOJ	26
107	WAGHMARE AYUSH SHIVAJI	28



**Signature of the Teacher**



**Head  
Department of Computer Science**



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



**Shri Shivaji Education Society Amravati's**  
**Science College, Congress Nagar, Nagpur**  
**Academic Session 2021-2022**  
**Bachelor of Computer Application (B.C.A) (Semester-III)**  
**Paper- V**  
**WEB-TECHNOLOGY-I**  
**UNIT TEST on Unit I - II**

[ Time: 45 min.]

[Maximum Marks: 30

**Q.1 UNIT-I**

**Solve Any Three**

- A.** What is internet ? Explain the working of internet [05]  
**B.** What is search engine ? What are its categories ? [05]  
**C.** Explain web browsers and web servers. [05]  
**D.** Define HTTP. What is HTTP request and HTTP response ? [05]

**UNIT-II**

**Solve Any Three**

- A.** Explain the working of frames and framesets [05]  
**B.** What are the different manipulations that can be done on text and paragraph ? [05]  
**C.** Write short notes on :—  
(i) Paired and Unpaired tags.  
(ii) Superscripts and subscripts [05]  
**D.** Explain the uses of directories and menu lists [05]



**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 2021-2022**  
**Bachelor of Computer Application (B.C.A) (Semester-III)**  
**Sub-Webtechnology-I**  
**Result of Unit Test Held on 4-11-21**  
**UNIT TEST on Unit I ,UNIT-II**

Name of Teacher-Manisha Kongre

Sr. No.	Name	Marks out of 30
1	AHMAD UMMENAHEDIA SHAKEEL	18
2	AKARTE JAYESH VISHWAMBHAR	12
3	ATKARE ARTH HARIDAS	AB
4	BADGE LAXMI MOHAN	18
5	BAGHELE ABHAY KAPURCHAND	20
6	BALBUDDHE RAJJAT SANJAY	22
7	BANDEBUCE SALONI SUNIL	AB
8	BARAI PARITOSH PRAKASH	26
9	BIREWAR SRUSHTI MAHESH	AB
10	BOBADE HARSHADA VILAS	21
11	CHAMBHARE AYUSH RAMESH	13
12	CHANAP CHANCHAL ANIL	28
13	CHAUHAN RIYA SANJAY	27
14	CHINTALWAR ROHAN MAHESH	27
15	CHIPLUNKAR YASHSHREE VIDYADHAR	AB
16	CHITLANGE DHANSHRI VIJAYKUMAR	12
17	DAHIWALE YASH MANOHAR	15
18	DEOGHARE HIMANSHU KRUSHANARAO	13
19	DEOGHARE SASHANT DINANATH	17
20	DESHPANDE RENUKA PADMANABH	AB
21	DEULKAR SHREYASH SUNIL	20
22	DHAGE OMKAR SUNIL	23
23	DHARNEDHAR PRAJWAL SUNIL	12
24	DUMRE SAKSHI UMESH	24

25	DURYODHAN PRATHAM BHARAT	23
26	FULKAR MOHIT HARIBHAU	27
27	GAIKWAD NISARGA BHUSHAN	28
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29	GOUR AAYSUH RUPLAL	13
30	GOUR ANISH MANISH	14
31	GOUR VAISHNAVI KAILASH	15
32	GUJAR SUYOG YOGESH	17
33	JADHAO YASH DIPAK	19
34	JAYSWAL TANU SANJAY	13
35	JOGI DARSHAN SUNIL	22
36	KAITHWAS NAVIN RAVI	23
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38	KALODE VAIBHAVI VIJAY	26
39	KANOJIYA RAHUL NARAYAN	AB
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42	KAWADE AYUSHI ARUN	16
43	KHADSE CHETAN GUNWANTRAO	17
44	KHAIRKAR SOVIT SANJAY	AB
45	KHAN MOHD. JUBAIR AMRULLAH HASAN	AB
46	KHANDARE RAJ DNYANESHWAR	23
47	KHANDELWAL ARCHI ASHOK	22
48	KHANKE YASH VINOD	25
49	KHANORE RIYA SANJAY	23
50	KHAPARDE SHANTANU PRUTHVIRAJ	22
51	KHAVASKAR ARPITA GOVIND	26
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53	KHORGADE SARIKA	24
54	KOCHARE ADITYA VINAYAK	22
55	KOKALE POONAM BHIMRAO	26

56	MADAVI TRUPTI GAJANAN	26
57	MAHAJAN SAMIKSHA RAMESH	27
58	MAHALLE SAKSHI ANIL	28
59	MALEWARAAKANSHA MANIK	29
60	MANAPURE PRANAV SANJAY	23
61	MANDIYE MANSHRI ARVIND	11
62	MANWATKAR AMAN BANDU	12
63	MARWADE SHASHANK NARESH	14
64	MASALKAR ANUJA VILAS	15
65	MASKE RISHABH VIKAS	16
66	MATE SAHIL KISHOR	16
67	MENDHE KALYANI SUDHAKAR	AB
68	MOHARLE SUKANYA BALKRUSHNA	18
69	MOKADDAM SHUBHAM NARAYANRAO	18
70	MORGHADE AMAN DILIP	13
71	NAGESHWAR ADITYA SANDEEP	21
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73	PAITHANE SHIVANSH GANESH	24
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76	PATHAN SHADAB SHAKIL KHAN	23
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80	POUNIKAR ANKUSH CHANDAN	15
81	RAHANGDALE LAXMI RAJESHKUMAR	16
82	RAIKWAR YASH MILIND	15
83	RAUT BHAVIKA ANIL	18
84	SADANPAWAR PRANAY SANJAY	19
85	SAKHARE PRAJWAL NITIN	20
86	SAKHARKAR MADHAV SUNIL	22

87	SAKHARKAR PUSHPAK GANESH	22
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90	SHAHU SEJAL ASHUTOSH	26
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92	SHENDE SUCHIT VIVEK	12
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95	SHIWANKAR MINAKSHI DHANVANT	22
96	SINGADE DIPALI GANGADHAR	22
97	SINGH SHRUTI ABHAY	23
98	SURUSHE SANCHIT HARISH	24
99	SURYAWANSHI SNEHAL RATAN	AB
100	THAKARE BHAIRAVI GAJANAN	22
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102	THOSAR PRATIK VINODRAO	11
103	TULAVI SURAJ RAOJI	18
104	TURKAR KUMUD SUBHASH	20
105	VAIDYA KALYANI SUKHADEO	AB
106	VERMA SHRUTI MANOJ	26
107	WAGHMARE AYUSH SHIVAJI	28



**Signature of the Teacher**



**Head  
Department of Computer Science**



Professor & Head  
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Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
Bachelor of Computer Application (B.C.A) (Semester-III)  
Paper- V  
WEB-TECHNOLOGY-I  
UNIT TEST on Unit III - IV**

[ Time: 45 min.]

[Maximum Marks: 30

**Q.1 UNIT-III**

**Solve Any Three**

- A. What is internet ? Explain the working of internet. [05]  
B. What is e-mail ? How can you create your own e-mail account ? Write the steps [05]  
C. What is DHTML ? What are the features of DHTML. [05]  
D. What is e-mail ? How can you create your own e-mail account ? Write the steps [05]

**UNIT-IV**

**Solve Any Three**

- A. What is CSS ? Explain steps to create style sheets [05]  
B. Explain various font attributes used in CSS. [05]  
C. How can we apply classes to other document parts ? Explain with example. [05]  
D. Explain any five CSS tags [05]



**Signature of the Teacher**



**Head  
Department of Computer Science**



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







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

**Department of Computer Science  
BCA II Semester-III (2021-22)  
DIGITAL ELECTRONICS—I Paper—VI**

**Result of Unit Test held on 07/09/2021 on Unit I & Unit II**

S.N.	Name of Students	Marks Out of 30 Unit1 and 2
1.	AAKANSHA MANIK MALEWAR	20
2.	AANCHAL ASHWANI YADAV	22
3.	AAYSUH RUPLAL GOUR	12
4.	ABHAY KAPURCHAND BAGHELE	13
5.	ADITYA SANDEEP NAGESHWAR	24
6.	ADITYA SUDHAKAR PARCHAND	11
7.	ADITYA VINAYAK KOCHARE	16
8.	AMAN BANDU MANWATKAR	18
9.	AMAN DILIP MORGHADE	19
10.	ANISH MANISH GOUR	20
11.	ANKUSH CHANDAN POUNIKAR	21
12.	ANUJA VILAS MASALKAR	15
13.	ANUSHREE PRAVIN WATH	23
14.	ARCHI ASHOK KHANDELWAL	25
15.	ARPITA GOVIND KHAVASKAR	23
16.	ARTH HARIDAS ATKARE	12
17.	AYAS JAHID PATHAN	14
18.	AYUSH HEMANT ZADE	19
19.	AYUSH RAMESH CHAMBHARE	20
20.	AYUSH SHIVAJI WAGHMARE	22
21.	AYUSHI ARUN KAWADE	12
22.	BHAIRAVI GAJANAN THAKARE	13
23.	BHAVIKA ANIL RAUT	24
24.	CHANCHAL ANIL CHANAP	11
25.	CHETAN GUNWANTARAO KHADSE	16
26.	DARSHAN SUNIL JOGI	18
27.	DEVKUMAR GANESH NAGPURE	19
28.	DEVYANI SANJAY KARANGALE	20
29.	DHANASHRI VIJAYKUMAR CHITLANGE	21

30.	DIPALI GANGADHAR SINGADE	15
31.	GULSHAN KUMAR PREM SHARMA	23
32.	HARSH MANIK PARATE	25
33.	HARSHADA HANSRAJ ZADE	23
34.	HARSHADA VILAS BOBADE	12
35.	HIMANSHU KRUSHANARAO DEOGHARE	14
36.	HIMDEVI SANJAY THAKRE	19
37.	JAYESH VISHWAMBHAR AKARTE	20
38.	KALYANI SUDHAKAR MENDHE	22
39.	KALYANI SUKHADEO VAIDYA	12
40.	KUMUD SUBHASH TURKAR	13
41.	LAXMI MOHAN BADGE	24
42.	LAXMI RAJESHKUMAR RAHANGDALE	11
43.	MADHAV SUNIL SAKHARKAR	16
44.	MANSHRI ARVIND MANDIYE	18
45.	MINAKSHI DHANVANT SHIWANKAR	19
46.	MITALI RAMESH KATHE	20
47.	MOHD. JUBAIR AMRULLAH HASAN KHAN	21
48.	MOHIT HARIBHAU FULKAR	15
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106.	VAISHNAVI KAILASH GOUR	12
107.	YASH MILIND RAIKWAR	14
108.	YASH VIJAY KHEDIKAR	19
109.	YASH DIPAK JADHAO	AA
110.	YASH MANOHAR DAHIWALE	AA
111.	YASH VINOD KHANKE	02
112.	YASHSHREE VIDYADHAR CHIPLUNKAR	AA

**Signature of the Teacher**

**Head  
Department of Computer Science**



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

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

**Department of Computer Science  
BCA II Semester-III (2021-22)  
DIGITAL ELECTRONICS—I Paper—VI  
Unit I and II**

[Time:45min]

[Maximum Marks : 30]

**1. Solve any three questions:**

- (a) What is base or radix of number system ? Explain hexadecimal number system with examples.
- (b) Do as directed :
- (i)  $(1FA2)_{16} = ( ? )_2$
- (ii)  $(341)_8 = ( ? )_{16}$
- (c) What is Excess-3 Code ? What are its advantages ? Perform the following addition using Excess-3 Code :  $41 + 38$
- (d) What is Parity ? What are its types ? Explain how it can be used for error checking.

**2. Solve any three questions:**

- (a) Explain how negative numbers are represented in binary with suitable example.
- (b) Perform the following subtraction using 1's complement method : (i)  $(10101)_2 - (10010)_2$   
(ii)  $(10110)_2 - (1111)_2$ .
- (c) What do you mean by underflow and overflow ? Explain it with example.
- (d) What is 2's complement of a number ? Perform the following subtraction using 2's complement method :  $(11000)_2 - (11100)_2$



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**Department of Computer Science  
BCA II Semester-III (2021-22)  
DIGITAL ELECTRONICS—I Paper—VI  
Unit III and IV**

S.N.	Name of Students	Marks Out of 30  Unit1 and 2
1.	AAKANSHA MANIK MALEWAR	14
2.	AANCHAL ASHWANI YADAV	16
3.	AAYSUH RUPLAL GOUR	AA
4.	ABHAY KAPURCHAND BAGHELE	13
5.	ADITYA SANDEEP NAGESHWAR	24
6.	ADITYA SUDHAKAR PARCHAND	11
7.	ADITYA VINAYAK KOCHARE	16
8.	AMAN BANDU MANWATKAR	18
9.	AMAN DILIP MORGHADE	AA
10.	ANISH MANISH GOUR	20
11.	ANKUSH CHANDAN POUNIKAR	21
12.	ANUJA VILAS MASALKAR	15
13.	ANUSHREE PRAVIN WATH	23
14.	ARCHI ASHOK KHANDELWAL	25
15.	ARPITA GOVIND KHAVASKAR	23
16.	ARTH HARIDAS ATKARE	12
17.	AYAS JAHID PATHAN	14
18.	AYUSH HEMANT ZADE	19
19.	AYUSH RAMESH CHAMBHARE	20
20.	AYUSH SHIVAJI WAGHMARE	22
21.	AYUSHI ARUN KAWADE	12
22.	BHAIRAVI GAJANAN THAKARE	13
23.	BHAVIKA ANIL RAUT	24
24.	CHANCHAL ANIL CHANAP	11

		16
25.	CHETAN GUNWANTARAO KHADSE	
26.	DARSHAN SUNIL JOGI	18
27.	DEVKUMAR GANESH NAGPURE	19
28.	DEVYANI SANJAY KARANGALE	20
29.	DHANASHRI VIJAYKUMAR CHITLANGE	21
		15
30.	DIPALI GANGADHAR SINGADE	
31.	GULSHAN KUMAR PREM SHARMA	23
32.	HARSH MANIK PARATE	25
33.	HARSHADA HANSRAJ ZADE	23
34.	HARSHADA VILAS BOBADE	12
35.	HIMANSHU KRUSHANARAO DEOGHARE	14
		19
36.	HIMDEVI SANJAY THAKRE	
37.	JAYESH VISHWAMBHAR AKARTE	20
38.	KALYANI SUDHAKAR MENDHE	22
39.	KALYANI SUKHADEO VAIDYA	12
40.	KUMUD SUBHASH TURKAR	13
41.	LAXMI MOHAN BADGE	24
42.	LAXMI RAJESHKUMAR RAHANGDALE	11
43.	MADHAV SUNIL SAKHARKAR	16
44.	MANSHRI ARVIND MANDIYE	18
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**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur  
Academic Session 2021-2022  
BCA II Semester-III  
DIGITAL ELECTRONICS—I Paper—VI  
UNIT TEST on Unit III & Unit IV**

Time: 45 min

[Maximum Marks: 30]

**1. Solve any three questions:**

- (a) Explain AND gate, OR and NOT gate using logic symbol and truth table.
- (b) Explain the construction and working of Ex-OR gate using basic gate. Give its logical symbol also.
- (c) Construct the following gate using NOR gate exclusively : (i) NAND (ii) OR (iii) Ex-NOR
- (d) What is positive and negative logic ? Explain AND gate and OR gate and give their symbol and logical expression.

**2. Solve any three questions:**

- (a) State and prove : (i) Associative law (ii) Distributive law.
- (b) What is K-map ? Simplify the following equation using K-map :  $f(A, B, C) = \sum m(1, 4, 5, 6)$
- (c) State and prove the De-Morgan's theorem for three variables.

(d) Simplify the following expression using K-map and draw the logical circuit for the simplified expression :  $f(A, B, C, D) = ABCD + A BCD + ABCD + ABCD + ABCD + ABCD$



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