

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

BCA I Semester-I (2021-22)

Computer Fundamentals Paper-I

Result of Unit Test held on 11/9/2021 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	Aaditi Subhash Paliwal	9
2	Aishwarya Sheshrao Sonule	24
3	Anamika Mahendra Shukla	7
4	Anisha Ashwin Jamgade	9
5	Anushka Chandrakant Asatkar	12
6	Anushri Mohan Thakre	24
7	Apurva Pritish Akarte	21
8	Apurva Viveksingh Khannade	15
9	Arya Promod Khasbage	16
10	Ashlesha Devidas Dhokne	28
11	Ayushi Yogesh Padole	11
12	Divya Arvind Makade	11
13	Divyaneer Shravan Awarkar	21
14	Diya Prakash Kottarwar	16
15	Eshika Ganesh Pal	27
16	Gargi Omprakash Bisen	19
17	Gauri Rajendra Kukutkar	21
18	Gunjan Bijoosingh Maher	00
19	Ishita Nitin Kolhe	22
20	Juhi Sanjay Nagpure	AA
21	Komal Madhu Bhosale	21
22	Krunali Rajesh Moon	8
23	Mahi Moreshwar Bhoikar	25
24	Manasi Sharad Daware	12
25	Manshu Jaykumar Dhengre	AA
26	Mansi Pradeep Wankhade	19
27	Nandini Lakhama Todsam	28
28	Nidhi Ganesh Borkar	7
29	Priyanka Babbu Shukla	7
30	Prutha Pravin Gomkale	16
31	Purvasha Mangesh Muley	24

32	Riya Laxman Parate	AA
33	Saania Saeed Khan	12
34	Sakshi Sanjay Mishra	29
35	Saloni Ravi Harode	5
36	Samanta Shailesh Choudhary	23
37	Samiksha Satish Kharbade	26
38	Sampriti Asuraj Ganvir	11
39	Samruddhi Vinod Bhiwgade	8
40	Sana Bano Shahid Ahemad Siddiqui	20
41	Sandhya Tarkeshwar Singh	6
42	Sanika Vilas Nipane	29
43	Sanskruiti Suresh Agrawal	20
44	Sejal Ravindra Barve	9
45	Shruti Rajendra Pohane	27
46	Shruti Shrikant Ramteke	20
47	Shruti Subhash Raut	7
48	Siddhi Chandrashekhar Kohad	28
49	Sneha Mahendrasingh Thakur	30
50	Snehal Gajanan Dighore	29
51	Snehal Pramod Armarkar	18
52	Srushti Dashrath Motharkar	5
53	Sujal Sudhir Dhoke	23
54	Surabhi Subrota Ghosh	29
55	Swejal Sanjay Gautam	21
56	Vaibhavi Devidas Chatur	23
57	Vaishnavi Ashokrao Wagh	25
58	Vedika Vasant Mohod	13
59	Yashasvi Kishor Gholse	18
60	Abhinav Abhay Pande	15
61	Abhiyush Bandu Lokhande	28
62	Adnan Latif Sheikh	AA
63	Amrut Umesh Tirpude	9
64	Anubhav Anil Patil	30
65	Anugra Mukunda Nagdeve	16
66	Ashwin Anil Tembhare	7
67	Atharv Pramod Vairagade	13
68	Atul Laxmikant Khodaskar	11
69	Ayush Rajesh Kukade	22
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72	Himanshu Ramrao Wandhare	20
73	Janhvi Prashant Kapre	16

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93	Rupanshu Babban Yadav	18
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95	Shivam Rajendra Gaidhane	25
96	Shivam Ravindra Mankar	1
97	Shubham Arun Patil	5
98	Siddhant Ashokrao Dandi	AA
99	Sujal Prabhakar Baraskar	12
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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
Bachelor of Computer Application (B.C.A) (Semester-I)
Computer Fundamentals Paper-I
UNIT TEST on Unit I - II**

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-I

QUE. 1. SOLVE ANY THREE

- | | |
|---|---|
| 1. What is computer ? Explain functions of each unit. | 5 |
| 2. Draw block diagram of computer. Explain the function of each unit. | 5 |
| 3. Do as directed: a) $(8AD)_{16} = (?)_2$ b) $(461)_{10} = (?)_8$ | 5 |
| 4. Explain Compiler and Interpreter | 5 |

UNIT-II

QUE. 1. SOLVE ANY THREE

- | | |
|--|---|
| 1. Explain the following memory in brief: a) Pendrive b) Blue ray disk | 5 |
| 2. Explain the working of Blue ray and Zip disk. | 5 |
| 3. What is Memory? Explain Volatile and Non-Volatile memory. | 5 |
| 4. Explain the structure and Working of Hard disk. | 5 |



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

BCA I Semester-I (2021-22)

Computer Fundamentals Paper-I

Result of Unit Test held on 22/12/2021 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	Aaditi Subhash Paliwal	AA
2	Aishwarya Sheshrao Sonule	24
3	Anamika Mahendra Shukla	7
4	Anisha Ashwin Jamgade	9
5	Anushka Chandrakant Asatkar	12
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95	Shivam Rajendra Gaidhane	25
96	Shivam Ravindra Mankar	1
97	Shubham Arun Patil	5
98	Siddhant Ashokrao Dandi	AA
99	Sujal Prabhakar Baraskar	12
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105	Vedant Pramod Baghel	16
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Signature of the Teacher



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**Shri Shivaji Education Society Amravati's
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Academic Session 2021-2022
Bachelor of Computer Application (B.C.A) (Semester-I)
Computer Fundamentals Paper-I
UNIT TEST on Unit III - IV**

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-III

QUE. 1. SOLVE ANY THREE

- | | |
|---|---|
| 1.What is Input device? Explain Keyboard and mouse. | 5 |
| 2.Write short notes on: a) OCR b) MICR | 5 |
| 3.Explain DOT Matrix and Laser Print. | 5 |
| 4.Explain VDU and Drum Plotters | 5 |

UNIT-IV

QUE. 1. SOLVE ANY THREE

- | | |
|--|---|
| 1.What is Topology ? Explain Tree and Mesh Topology. | 5 |
| 2.What is Computer Network? Explain it types. | 5 |
| 3. Describe Peer to Peer and Client server network. | 5 |
| 4.Explain Infrared devices and Routers in detail. | 5 |



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S S E S. Am's Science College,
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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
BCA I Semester-I (2021-22)
C Programming Paper-II
Result of Unit Test held on 12/02/2021 on
Unit I and UNIT II

Name of the teacher: Mrs. A. J. Thakur

Sr. No.	Name	Marks out of 30
1	ADOLKAR HARISH SUNIL	21
2	AGRAWAL SANSKRUTI SURESH	19
3	AKARTE APURVA PRITISH	25
4	ARMARKAR SNEHAL PRAMOD	12
5	ASATKAR ANUSHKA CHANDRAKANT	25
6	AWARKAR DIVYANEE SHRAVAN	22
7	BAGHEL VEDANT PRAMOD	7
8	BARAPATE PRATIK ASHOK	4
9	BARASKAR SUJAL PRABHAKAR	16
10	BARVE SEJAL RAVINDRA	16
11	BHARDE PAVAN KISHAN	21
12	BHATKULKAR ROHIT PRASHANT	19
13	BHIWGADE SAMRUDDHI VINOD	25
14	BHOIKAR MAHI MORESHWAR	12
15	BHOSALE KOMAL MADHUJI	25
16	BISANI PRIYANSHU MANISH	22
17	BISEN GARGI OMPRAKASH	AB
18	BORKAR NIDHI GANESH	25
19	CHANDEKAR KARAN REKHACHAND	12
20	CHATUR VAIBHAVI DEVIDAS	25
21	CHOUDHARY SAMANTA SHAILESH	22
22	DAHIKAR TOSHIK SANTOSH	7
23	DANDI SIDDHANT ASHOKRAO	4

24	DAWARE MANASI SHARAD	16
25	DESHMUKH KHOMESHWAR RAJESH	16
26	DESHMUKH PRATIK GOVINDRAO	11
27	DHENGRE MANSHU JAYKUMAR	26
28	DHIRDE APURVA SANDEEP	10
29	DHOKE SUJAL SUDHIR	18
30	DHOKNE ASHLESHA DEVIDAS	23
31	DIGHORE SNEHAL GAJANAN	3
32	GAIDHANE SHIVAM RAJENDRA	13
33	GANVIR SAMPRITI ASHURAJ	20
34	GAUTAM SWEJAL SANJAY	29
35	GHOLSE YASHASVI KISHOR	14
36	GHOSH SURABHI SUBROTA	10
37	GIRIPUNJE PARAG DHANRAJ	8
38	GOMKALE PRUTHA PRAVIN	AB
39	GUPTA PRATHEMESH VINOD	6
40	HARODE SALONI RAVI	5
41	JAMGADE ANISHA ASHWIN	24
42	KAJALE MAHESH LAXMANRAO	3
43	KAPRE JANHVI PRASHANT	19
44	KHAN SAANIA SAEED AHMED	7
45	KHANNADE SAMIKSHA SATISH	29
46	KHARBADE SAMIKSHA SATISH	13
47	KHASBADE ARYA PRAMOD	20
48	KHINCHI HARSH RADHESHYAM	25
49	KHOBRAGADE VIBHANSHU RAJU	26
50	KHODASKAR ATUL LAXMIKANT	29
51	KOHAD SIDDHI CHANDRASHEKHAR	24
52	KOHALE YASH ANIL	19

53	KOLHE ISHITA NITIN	13
54	KOLHE PIYUSH MORESHWAR	24
55	KOTTARWAR DIYA PRAKASH	8
56	KSHIRSAGAR SAHIL SUNIL	15
57	KUKDE AYUSH RAJESH	8
58	KUKUTKAR GAURI RAJENDRA	9
59	KULKARNI SHUBHADA DINESH	13
60	LAKADE LALIT DHANRAJ	30
61	LATARE TUSHAR KISHOR	3
62	LOKHANDE ABHIYUSH BANDU	19
63	MAHER GUNJAN BIJOOSINGH	AB
64	MAKADE DIVYA ARVIND	12
65	MANGATE VISHVAS BHARGAV	17
66	MANKAR SHIVAM RAVINDRA	19
67	MASKE JATIN PRASHANT	6
68	MISHRA SAKSHI SANJAY	4
69	MOHADIKAR MOHIT MOTILAL	21
70	MOHOD VEDIKA VASANT	19
71	MOON KRUNALI RAJESH	22
72	MOTHARKAR SRUSHTI DASHRATH	25
73	MULEY PURVASHA MANGESH	10
74	NAGDEVE ANUGRA MUKUNDA	16
75	NAGPURE JUHI SANJAY	23
76	NIPANE SANIKA VILAS	9
77	PADOLE AYUSHI YOGESH	15
78	PAL ESHIKA GANESH	14
79	PALIWAL ADITI SUBHASH	15
80	PANDE ABHINAV ABHAY	13
81	PARATE RIYA LAXMAN	24

82	PARATE VEDANT NARENDRA	4
83	PATIL ANUBHAV ANIL	23
84	PATIL SHUBHAM ARUN	28
85	PATIL TEJAS FAKIRA	7
86	POHANE SHRUTI RAJENDRA	17
87	RAMTEKE SHRUTI SHRIKANT	29
88	RAUT SHRUTI SUBHASH	30
89	SAHARE VISHAL JEEVAN	6
90	SAYAM MANISH JIJARAM	26
91	SHANIWARE UDITANSHU SANJAY	AB
92	SHA STRAKAR KARAN BABAN	4
93	SHEIKH ADNAN LATIF	11
94	SHEIKH MOHD FAIZAN ABDUL MUSTAQUE	15
95	SHIVANKAR KRUPALI SANJAY	22
96	SHUKLA ANAMIKA MAHENDRA	19
97	SHUKLA PRIYANKA BABBU	7
98	SIDDIQUI SANA BANO SHAHID AHMED	30
99	SINGH SANDHYA TARKESHWAR	25
100	SONULE AISHWARYA SHESHRAO	22
101	TEMBHARE ASHWIN ANIL	AB
102	THAKRE ANUSHRI MOHAN	23
103	THAKUR SNEHA MAHENDRASINGH	11
104	TIRPUDE AMRUT UMESH	4
105	TODSAM NANDINI LAKHAMA	25
106	VAIRAGADE ATHARV PRAMOD	24
107	VELHANKAR NISHANT MILIND	6
108	WAGH VAISHNAVI ASHOK	16
109	WANDHARE HIMANSHU RAMRAO	25
110	WANKHADE MANSI PRADEEP	19

111	WARHADE RAJ ANIL	12
112	WATEKAR YASH RAJABHAU	18
113	YADAV RUPANSHU BABBAN	7
114	YESANSURE MOHAN YASHVANT	9



Signature of the Teacher



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Academic Session 2021-2022
Bachelor of Computer Application (B.C.A) (Semester-I)
C Programming Paper-II
UNIT TEST on Unit I - II**

[Time: 1 hr .]

[Maximum Marks: 30]

UNIT-I

QUE. 1. SOLVE ANY THREE

1. What do you understand by programming structure ? Explain in brief. 5
2. Define flowchart. Draw a flowchart to find greatest among three numbers. 5
3. Define algorithm. Write an algorithm to find whether a given year is leap year or not. 5
4. Give the difference between algorithm and pseudocode. 5

UNIT-II

QUE. 2. SOLVE ANY THREE

1. What is looping? Explain "while loop" in detail with syntax and example. 5
2. Explain different operators supported by C-language. 5
3. Write a program to find the roots of a quadratic equation. 5
4. Explain the different datatypes in 'C' with byte length. 5



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

BCA I Semester-I (2021-22)

C Programming Paper-II

Result of Unit Test held on 13/02/2021 on

Unit III and UNIT IV

Name of the teacher: Mrs. A. J. Thakur

Sr. No.	Name	Marks outof30
1	ADOLKAR HARISH SUNIL	12
2	AGRAWAL SANSKRUTI SURESH	12
3	AKARTE APURVA PRITISH	20
4	ARMARKAR SNEHAL PRAMOD	13
5	ASATKAR ANUSHKA CHANDRAKANT	14
6	AWARKAR DIVYANEE SHRAVAN	7
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17	BISEN GARGI OMPRAKASH	28
18	BORKAR NIDHI GANESH	AB
19	CHANDEKAR KARAN REKHACHAND	19
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62	LOKHANDE ABHIYUSH BANDU	29
63	MAHER GUNJAN BIJOOSINGH	10
64	MAKADE DIVYA ARVIND	23
65	MANGATE VISHVAS BHARGAV	5
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92	SHA STRAKAR KARAN BABAN	28
93	SHEIKH ADNAN LATIF	28
94	SHEIKH MOHD FAIZAN ABDUL MUSTAQUE	19
95	SHIVANKAR KRUPALI SANJAY	17
96	SHUKLA ANAMIKA MAHENDRA	17
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100	SONULE AISHWARYA SHESHRAO	16
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114	YESANSURE MOHAN YASHVANT	21

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-I)
C Programming Paper-II
UNIT TEST on Unit III- IV**

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-III

QUE. 1. SOLVE ANY THREE

- | | |
|---|---|
| (a) What is recursive function ? Explain with example. | 5 |
| (b) What are storage classes ? Explain any two storage classes with example. | 5 |
| (c) What is an array ? Explain multidimensional array with example. | 5 |
| (d) What is function ? Explain with example, function with argument and return value. | 5 |

UNIT-IV

QUE. 2. SOLVE ANY THREE

- | | |
|--|---|
| 1. Differentiate between Structure and Union. | 5 |
| 2. Explain the following terms : | |
| (i) Address Operator and | |
| (ii) Void Pointer. | 5 |
| 3. What are File Modes ? Explain. | 5 |
| 4. What is Command Line Arguments ? Explain with example | 5 |



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
BCA I Semester-I (2021-22)
STATISTICAL METHODS - Paper—III**

Result of Unit Test held on 27/09/2021 on

Unit I and UNIT II

Name of the teacher: V . C . Pande

Sr. No.	Name	Marks out
1	ADOLKAR HARISH SUNIL	19
2	AGRAWAL SANSKRUTI SURESH	12
3	AKARTE APURVA PRITISH	18
4	ARMARKAR SNEHAL PRAMOD	7
5	ASATKAR ANUSHKA CHANDRAKANT	9
6	AWARKAR DIVYANEE SHRAVAN	26
7	BAGHEL VEDANT PRAMOD	17
8	BARAPATE PRATIK ASHOK	5
9	BARASKAR SUJAL PRABHAKAR	25
10	BARVE SEJAL RAVINDRA	18
11	BHARDE PAVAN KISHAN	12
12	BHATKULKAR ROHIT PRASHANT	6
13	BHIWGADE SAMRUDDHI VINOD	26
14	BHOIKAR MAHI MORESHWAR	6
15	BHOSALE KOMAL MADHUJI	16
16	BISANI PRIYANSHU MANISH	21
17	BISEN GARGI OMPRAKASH	19
18	BORKAR NIDHI GANESH	25
19	CHANDEKAR KARAN REKHACHAND	12
20	CHATUR VAIBHAVI DEVIDAS	25
21	CHOUDHARY SAMANTA SHAILESH	22
22	DAHIKAR TOSHIK SANTOSH	7
23	DANDI SIDDHANT ASHOKRAO	4
24	DAWARE MANASI SHARAD	16
25	DESHMUKH KHOMESHWAR RAJESH	16

26	DESHMUKH PRATIK GOVINDRAO	11
27	DHENGRE MANSHU JAYKUMAR	26
28	DHIRDE APURVA SANDEEP	10
29	DHOKE SUJAL SUDHIR	18
30	DHOKNE ASHLESHA DEVIDAS	23
31	DIGHORE SNEHAL GAJANAN	3
32	GAIDHANE SHIVAM RAJENDRA	13
33	GANVIR SAMPRITI ASHURAJ	20
34	GAUTAM SWEJAL SANJAY	29
35	GHOLSE YASHASVI KISHOR	14
36	GHOSH SURABHI SUBROTA	10
37	GIRIPUNJE PARAG DHANRAJ	8
38	GOMKALE PRUTHA PRAVIN	7
39	GUPTA PRATHEMESH VINOD	6
40	HARODE SALONI RAVI	5
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42	KAJALE MAHESH LAXMANRAO	3
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44	KHAN SAANIA SAEED AHMED	7
45	KHANNADE SAMIKSHA SATISH	29
46	KHARBADE SAMIKSHA SATISH	13
47	KHASBADE ARYA PRAMOD	20
48	KHINCHI HARSH RADHESHYAM	25
49	KHOBRADE VIBHANSHU RAJU	26
50	KHODASKAR ATUL LAXMIKANT	29
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52	KOHALE YASH ANIL	19
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59	KULKARNI SHUBHADA DINESH	13
60	LAKADE LALIT DHANRAJ	30
61	LATARE TUSHAR KISHOR	3
62	LOKHANDE ABHIYUSH BANDU	19
63	MAHER GUNJAN BIJOOSINGH	14
64	MAKADE DIVYA ARVIND	12
65	MANGATE VISHVAS BHARGAV	17
66	MANKAR SHIVAM RAVINDRA	19
67	MASKE JATIN PRASHANT	6
68	MISHRA SAKSHI SANJAY	4
69	MOHADIKAR MOHIT MOTILAL	21
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Signature of teacher



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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)
Programming in c++Paper-I
UNIT TEST on Unit I - II**

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-I

QUE. 1. SOLVE ANY THREE

- a. Give definition of statistics and its importance. 5
- b. What are the types of data ? Give the sources of secondary data. 5
- c. Write a note on frequency distribution and digraph. 5
- d. What are data representation techniques? 5

UNIT-II

QUE. 1. SOLVE ANY THREE

- (a) Find the geometric mean of the following data :

X	1	2	3	4	5	6	7	8	9	10
F	2	3	4	1	1	2	2	3	4	1

- (b) Define formula for mean, mode and median. Discuss the relationship among them. 5
- (c) Find the mode of the following data : 5

X	0—4	5—9	10—14	15—19	20—24
F	6	12	7	5	0

(d)

X	20—29	30—39	40—49	50—59	60—69
Y	3	5	20	10	5

Find the harmonic mean of the above table

5

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**BCA I Semester-I (2021-22)
STATISTICAL METHODS – PAPER III**

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

Name of the teacher: V . C . Pande

Sr. No.	Name	Marks out of 30
1	ADOLKAR HARISH SUNIL	11
2	AGRAWAL SANSKRUTI SURESH	21
3	AKARTE APURVA PRITISH	5
4	ARMARKAR SNEHAL PRAMOD	17
5	ASATKAR ANUSHKA CHANDRAKANT	27
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Academic Session 2021-2022
Bachelor of Computer Application (B.C.A) (Semester-II)
Programming in c++Paper-I
UNIT TEST on Unit III - IV

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-III

QUE. 1. SOLVE ANY THREE

- (a) Define the term dispersion, range, variance and quartile deviation. 5
- (b) Define skewness. Find coefficients of skewness over 1, 2, 5, 9, 15, 22, 30, 40, 55, 70.
- (c) Calculate the standard deviation of the following series : 5
- X — 40, 44, 54, 60, 62, 64, 70, 80, 90, 96.
- (d) Define kurtosis. Find the kurtosis of series :
- 1, 2, 5, 8, 12, 17, 21, 25, 27, 28.

UNIT-IV

QUE. 1. SOLVE ANY THREE

- (a) Calculate the correlation coefficient for the following data :

X	1	2	5	7	10	13	14	19	25
Y	4	9	10	13	16	17	20	25	27

- (b) Find the line of best fit for the following data :

X	1	2	3	4	5
Y	1	2	1.3	3.75	2.25

- (c) A computer while calculating correlation coefficient between two variables X and Y from 25 pairs of observations obtained the following results :

$$n = 25, \Sigma x = 125, \Sigma x^2 = 650, \Sigma y = 100, \Sigma y^2 = 460, \Sigma xy = 508.$$

It was discovered later at the time of checking that he had copied down pairs of :

X	Y
6	14
8	6

while the correct values were :

X	Y
8	12
6	8

Obtain the correct value of correlation coefficients.

5

- (d) Explain line of regression with example.

5

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

BCAI Semester-I (2021-22)

Discrete Mathematics-I

Paper-IV

Result of Unit Test held on 24/09/2021 on

Unit I and UNIT II

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Adolkar Harish Sunil	AB
2	Agrawal Sanskruti Suresh	28
3	Akarte Apurva Pritish	19
4	Armarkar Snehal Pramod	18
5	Asatkar Anushka Chandrakant	13
6	Awarkar Divyaneer Shraavan	10
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10	Barve Sejal Ravindra	14
11	Bharde Pavan Kishan	18
12	Bhatkulkar Rohit Prashant	21
13	Bhiwgade Samruddhi Vinod	22
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15	Bhosale Komal Madhuji	10
16	Bisani Priyanshu Manish	20
17	Bisen Gargi Omprakash	17
18	Borkar Nidhi Ganesh	7
19	Chandekar Karan Rekhachand	11
20	Chatur Vaibhavi Devidas	11
21	Choudhary Samanta Shailesh	21
22	Dahikar Toshik Santosh	7
23	Dandi Siddhant Ashokrao	27
24	Daware Manasi Sharad	18
25	Deshmukh Khomeshwar Rajesh	8
26	Deshmukh Pratik Govindrao	7

27	Dhengre Manshu Jaykumar	17
28	Dhirde Apurva Sandeep	6
29	Dhoke Sujal Sudhir	22
30	Dhokne Ashlesha Devidas	15
31	Dighore Snehal Gajanan	18
32	Gaidhane Shivam Rajendra	28
33	Ganvir Sampriti Ashuraj	9
34	Gautam Swejal Sanjay	27
35	Gholse Yashasvi Kishor	26
36	Ghosh Surabhi Subrota	9
37	Giripunje Parag Dhanraj	14
38	Gomkale Prutha Pravin	19
39	Gupta Prathemesh Vinod	26
40	Harode Saloni Ravi	13
41	Jamgade Anisha Ashwin	16
42	Kajale Mahesh Laxmanrao	9
43	Kapre Janhvi Prashant	27
44	Khan Saania Saeed Ahmed	28
45	Khannade Samiksha Satish	5
46	Kharbade Samiksha Satish	25
47	Khasbade Arya Pramod	18
48	Khinchi Harsh Radheshyam	20
49	Khobragade Vibhanshu Raju	19
50	Khodaskar Atul Laxmikant	18
51	Kohad Siddhi Chandrashekhar	25
52	Kohale Yash Anil	17
53	Kolhe Ishita Nitin	15
54	Kolhe Piyush Moreshwar	10
55	Kottarwar Diya Prakash	AB
56	Kshirsagar Sahil Sunil	13
57	Kukde Ayush Rajesh	AB
58	Kukutkar Gauri Rajendra	27
59	Kulkarni Shubhada Dinesh	AB

60	Lakade Lalit Dhanraj	AB
61	Latare Tushar Kishor	10
62	Lokhande Abhiyush Bandu	19
63	Maher Gunjan Bijoosingh	26
64	Makade Divya Arvind	7
65	Mangate Vishvas Bhargav	11
66	Mankar Shivam Ravindra	13
67	Maske Jatin Prashant	17
68	Mishra Sakshi Sanjay	10
69	Mohadikar Mohit Motilal	13
70	Mohod Vedika Vasant	23
71	Moon Krunali Rajesh	12
72	Motharkar Srushti Dashrath	18
73	Muley Purvasha Mangesh	21
74	Nagdeve Anugra Mukunda	23
75	Nagpure Juhi Sanjay	10
76	Nipane Sanika Vilas	13
77	Padole Ayushi Yogesh	25
78	Pal Eshika Ganesh	11
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85	Patil Tejas Fakira	12
86	Pohane Shruti Rajendra	19
87	Ramteke Shruti Shrikant	13
88	Raut Shruti Subhash	20
89	Sahare Vishal Jeevan	20
90	Sayam Manish Jijaram	24
91	Shaniware Uditanshu Sanjay	15
92	Shastrakar Karan Baban	12

93	Sheikh Adnan Latif	19
94	Sheikh Mohd Faizan Abdul Mustaque	22
95	Shivankar Krupali Sanjay	16
96	Shukla Anamika Mahendra	11
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98	Siddiqui Sana Bano Shahid Ahemad	25
99	Singh Sandhya Tarkeshwar	13
100	Sonule Aishwarya Sheshrao	10
101	Tembhare Ashwin Anil	15
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103	Thakur Sneha Mahendrasingh	25
104	Tirpude Amrut Umesh	18
105	Todsam Nandini Lakhama	20
106	Vairagade Atharv Pramod	24
107	Velhankar Nishant Milind	AB
108	Wagh Vaishnavi Ashok	15
109	Wandhare Himanshu Ramrao	15
110	Wankhade Manshi Pradeep	23
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Academic Session 2021-2022
Bachelor of computer Application (BCA) (Semester-I)
Paper-IV
DISCRETE MATHEMATICS - I

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-I

QUE. 1. SOLVE ANY THREE

1. Construct the truth table for
 $(\neg P \wedge (\neg Q \wedge R)) \vee (Q \wedge R) \vee (P \wedge R)$. 5
2. Prove that If H_1, H_2, \dots, H_m and P imply Q ,
then H_1, H_2, \dots, H_m imply $P \rightarrow Q$. 5
3. What do you mean by contradiction statement.
Check whether $((\neg Q \wedge P) \wedge \neg Q)$ is contradiction or not? 5
4. Show that: $(\neg P \wedge (\neg Q \wedge R)) \vee (Q \wedge R) \vee (P \wedge R) \Leftrightarrow R$. 5

UNIT- II

QUE. 2. SOLVE ANY THREE

1. Define: (i) Disjunctive Normal Form (ii) Conjunctive Normal Form. 5
2. Obtain the principal disjunctive normal form of
 $P \rightarrow ((P \rightarrow Q) \wedge \neg(\neg Q \vee \neg P))$. 5
3. Obtain a conjunctive normal form of the following formula:
 $\neg(P \vee Q) \leftrightarrow (P \wedge Q)$. 5
4. Show that the formula $P \vee (P \wedge Q) \Leftrightarrow P$ is equivalence formula. 5



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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-I (2021-22)

Discrete Mathematics-I

Paper-IV

Result of Unit Test held on 06/11/2022 on

Unit III and UNIT IV

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Adolkar Harish Sunil	20
2	Agrawal Sanskruti Suresh	10
3	Akarte Apurva Pritish	19
4	Armarkar Snehal Pramod	13
5	Asatkar Anushka Chandrakant	10
6	Awarkar Divyanee Shravan	24
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25	Deshmukh Khomeshwar Rajesh	8

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Signature of the Teacher



**Head
Department of Computer Science**



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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 (BCA) (Semester-I)
Paper-IV
DISCRETE MATHEMATICS - I

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-III

QUE. 1. SOLVE ANY THREE

1. Demonstrate that R is a valid inference from the premises $P \rightarrow Q$, $Q \rightarrow R$ and P. 5
2. Show that the conclusion C is valid from the premises H_1 and H_2 .
(i) $H_1 : P \rightarrow Q$ $H_2 : P$ $C : Q$
(ii) $H_1 : \neg P$, $H_2 : P \vee Q$ $C : P \wedge Q$. 5
3. Show that $R \rightarrow S$ can be derived from the premises $P \rightarrow (Q \rightarrow S)$, $\neg R \vee S$ and Q. 5
4. Show that $R \wedge (P \vee Q)$ is a valid conclusion from the premises
 $P \vee Q$, $Q \rightarrow R$, $P \rightarrow M$ and $\neg m$. 5

UNIT- IV

QUE. 2. SOLVE ANY THREE

1. Explain Free and Bound variables with suitable example. 5
2. Show that $\neg P(a, b)$ follows logically from $(x)(y) (P(x,y) \rightarrow W(x,y))$ and $\neg W(a,b)$. 5
3. Prove that :
 $(\exists x) (P(x) \wedge Q(x)) \Rightarrow (\exists x) P(x) \wedge (\exists x) Q(x)$. 5
4. Show that :
 $(x) (P(x) \rightarrow Q(x)) \wedge (x) (Q(x) \rightarrow R(x)) \Rightarrow (x) (P(x) \rightarrow R(x))$. 5



Signature of the Teacher



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

BCA I Semester-I (2021-22)

Operating System

Paper-V

Result of Unit Test held on: 27/09/2021

Unit I and UNIT II

Name of the Teacher: Ms. Puja M. Dadhe

Sr. No.	Name of Student	Marks Out of 30
1	Adolkar Harish Sunil	12
2	Agrawal Sanskruti Suresh	26
3	Akarte Apurva Pritish	25
4	Armarkar Snehal Pramod	16
5	Asatkar Anushka Chandrakant	16
6	Awarkar Divyaneer Shraavan	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 2021-2022
Bachelor of computer Application (BCA) (Semester-I)
Paper-IV
Operating System

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-I

QUE. 1. SOLVE ANY THREE

- (A) What is the structure of Operating System? Explain along with its functions 5
(B) What is scheduling? Explain SJF scheduling algorithm with example. 5
(C) What is a Process? Explain process states along with a diagram 5
(D) What is Multithreading? Explain with a suitable example. 5

UNIT- II

QUE. 2. SOLVE ANY THREE

- (A) What is Deadlock? Explain recovery from Deadlock. 5
(B) What is Deadlock Prevention? How can we prevent a deadlock? 5
(C) What is Resource allocation graph and wait-for Graph? Explain. 5
(D) Explain Circular wait and Hold & Wait condition in detail. 5



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
BCA I Semester-I (2021-22)**

**Operating System
Paper-V**

**Result of Unit Test held on:8/12/2021
Unit III and UNIT IV**

Name of the Teacher: Ms. Puja M. Dadhe

Sr. No.	Name	Marks out of 30
1	Adolkar Harish Sunil	24
2	Agrawal Sanskruti Suresh	17
3	Akarte Apurva Pritish	28
4	Armarkar Snehal Pramod	14
5	Asatkar Anushka Chandrakant	AA
6	Awarkar Divyaneer Shraavan	12
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29	Dhoke Sujal Sudhir	27
30	Dhokne Ashlesha Devidas	11
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Academic Session 2021-2022
Bachelor of computer Application (BCA) (Semester-I)
Paper-IV
Operating System

UNIT TEST

Time: 45 min]

[Maximum Marks: 30

UNIT-III

QUE. 1. SOLVE ANY THREE

- (A) Write short notes on: (i) Paging (ii) Compaction 5
(B) Explain: (i) Logical vs. Physical address space (ii) Internal vs. External fragmentation. 5
(C) What is swapping? Explain swapin and swapout process with well labeled diagram. 5
(D) Explain the different memory management requirements. 5

UNIT-IV

QUE. 2. SOLVE ANY THREE

- (A) Explain the concept of file directories. 5
(B) Explain RAID mechanism in detail. 5
(C) What is cryptography? Explain. 5
(D) Explain any two file allocation methods. 5



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Bachelor of Computer Application

B.C.A. I Semester-I (2021-22)

Office Automation Paper-VI

Result of Unit Test held on 12/09/2021 on Unit I & II

Name of the teacher: Trishala Kanholikar

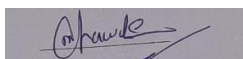
Sr. no	Sr. No. Student Name	Marks out of 30
1	ADOLKAR HARISH SUNIL	19
2	AGRAWAL SANSKRUTI SURESH	10
3	AKARTE APURVA PRITISH	15
4	ARMARKAR SNEHAL PRAMOD	19
5	ASATKAR ANUSHKA CHANDRAKANT	AB
6	AWARKAR DIVYANEE SHRAVAN	19
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21	CHOUDHARY SAMANTA SHAILESH	13
22	DAHIKAR TOSHIK SANTOSH	17
23	DANDI SIDDHANT ASHOKRAO	18
24	DAWARE MANASI SHARAD	12
25	DESHMUKH KHOMESHWAR RAJESH	29
26	DESHMUKH PRATIK GOVINDRAO	12
27	DHENGRE MANSHU JAYKUMAR	19
28	DHIRDE APURVA SANDEEP	21
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30	DHOKNE ASHLESHA DEVIDAS	23
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38	GOMKALE PRUTHA PRAVIN	20
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40	HARODE SALONI RAVI	10
41	JAMGADE ANISHA ASHWIN	16
42	KAJALE MAHESH LAXMANRAO	21
43	KAPRE JANHVI PRASHANT	29
44	KHAN SAANIA SAEED AHMED	24
45	KHANNADE SAMIKSHA SATISH	22
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47	KHASBADE ARYA PRAMOD	21
48	KHINCHI HARSH RADHESHYAM	14
49	KHOBRAGADE VIBHANSHU RAJU	13
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71	MOON KRUNALI RAJESH	24
72	MOTHARKAR SRUSHTI DASHRATH	16
73	MULEY PURVASHA MANGESH	AB
74	NAGDEVE ANUGRA MUKUNDA	29
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Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2021-2022**

B.C.A. I Semester-I (2021-22)

Office Automation Paper-IV

UNIT I & UNIT II

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

Que 1] Solve any three questions.

1. What are the advantages and disadvantages of Windows operating system ? [5M]

2. Give new features of WINDOWS XP over WINDOWS OS. [5M]

3. How will you search files and folders in Windows Operating System ?

4. Write short notes on : [5M]

(i) Recycle Bin (ii)

GUI.

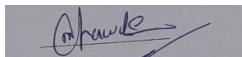
Que 2. Solve any three

1. Write a procedure to create a table in Word. [5M]

2. Give steps to create a template in Word. [5M]

3. Explain different operations that we can perform on a text; also list shortcut key combination for it.

4. Explain any two document formatting operations. [5M]



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

Bachelor of Computer Application

B.C.A. I Semester-I (2021-22)

Office Automation Paper-VI

Result of Unit Test held on 12/09/2021 on Unit III & IV

Name of the teacher: Trishala Kanholikar

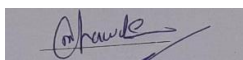
Sr. no	Sr. No. Student Name	Marks out of 30
1	ADOLKAR HARISH SUNIL	19
2	AGRAWAL SANSKRUTI SURESH	10
3	AKARTE APURVA PRITISH	15
4	ARMARKAR SNEHAL PRAMOD	19
5	ASATKAR ANUSHKA CHANDRAKANT	30
6	AWARKAR DIVYANEE SHRAVAN	19
7	BAGHEL VEDANT PRAMOD	15
8	BARAPATE PRATIK ASHOK	16
9	BARASKAR SUJAL PRABHAKAR	20
10	BARVE SEJAL RAVINDRA	13
11	BHARDE PAVAN KISHAN	18
12	BHATKULKAR ROHIT PRASHANT	23
13	BHIWGADE SAMRUDDHI VINOD	17
14	BHOIKAR MAHI MORESHWAR	22
15	BHOSALE KOMAL MADHUJI	14
16	BISANI PRIYANSHU MANISH	26
17	BISEN GARGI OMPRAKASH	14
18	BORKAR NIDHI GANESH	19
19	CHANDEKAR KARAN REKHACHAND	16
20	CHATUR VAIBHAVI DEVIDAS	14
21	CHOUDHARY SAMANTA SHAILESH	13
22	DAHIKAR TOSHIK SANTOSH	17
23	DANDI SIDDHANT ASHOKRAO	18
24	DAWARE MANASI SHARAD	12
25	DESHMUKH KHOMESHWAR RAJESH	29
26	DESHMUKH PRATIK GOVINDRAO	12
27	DHENGRE MANSHU JAYKUMAR	19
28	DHIRDE APURVA SANDEEP	21
29	DHOKE SUJAL SUDHIR	26
30	DHOKNE ASHLESHA DEVIDAS	23
31	DIGHORE SNEHAL GAJANAN	24

32	GAIDHANE SHIVAM RAJENDRA	25
33	GANVIR SAMPRITI ASHURAJ	24

34	GAUTAM SWEJAL SANJAY	28
35	GHOLSE YASHASVI KISHOR	29
36	GHOSH SURABHI SUBROTA	17
37	GIRIPUNJE PARAG DHANRAJ	14
38	GOMKALE PRUTHA PRAVIN	20
39	GUPTA PRATHEMESH VINOD	24
40	HARODE SALONI RAVI	10
41	JAMGADE ANISHA ASHWIN	16
42	KAJALE MAHESH LAXMANRAO	21
43	KAPRE JANHVI PRASHANT	29
44	KHAN SAANIA SAEED AHMED	24
45	KHANNADE SAMIKSHA SATISH	22
46	KHARBADE SAMIKSHA SATISH	16
47	KHASBADE ARYA PRAMOD	21
48	KHINCHI HARSH RADHESHYAM	14
49	KHOBRAGADE VIBHANSHU RAJU	13
50	KHODASKAR ATUL LAXMIKANT	12
51	KOHAD SIDDHI CHANDRASHEKHAR	19
52	KOHALE YASH ANIL	21
53	KOLHE ISHITA NITIN	27
54	KOLHE PIYUSH MORESHWAR	15
55	KOTTARWAR DIYA PRAKASH	29
56	KSHIRSAGAR SAHIL SUNIL	30
57	KUKDE AYUSH RAJESH	10
58	KUKUTKAR GAURI RAJENDRA	14
59	KULKARNI SHUBHADA DINESH	23
60	LAKADE LALIT DHANRAJ	11
61	LATARE TUSHAR KISHOR	28
62	LOKHANDE ABHIYUSH BANDU	23
63	MAHER GUNJAN BIJOOSINGH	14
64	MAKADE DIVYA ARVIND	19
65	MANGATE VISHVAS BHARGAV	14
66	MANKAR SHIVAM RAVINDRA	17
67	MASKE JATIN PRASHANT	25
68	MISHRA SAKSHI SANJAY	13
69	MOHADIKAR MOHIT MOTILAL	12
70	MOHOD VEDIKA VASANT	24

71	MOON KRUNALI RAJESH	24
72	MOTHARKAR SRUSHTI DASHRATH	16
73	MULEY PURVASHA MANGESH	10
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B.C.A. I Semester-I (2021-22)

Office Automation Paper-VI

UNIT III & UNIT IV

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

Que 1] Solve any three questions.

[10M]

1. What is chart creation ? Explain data form and data sort. [5M]

2. Give the use of following MS-Excel functions : [5M]
 - (i) ROUND()
 - (ii) COUNT ()
 - (iii) ABS ()
 - (iv) UPPER ()
 - (v) LOWER ()

3. Explain the different operations that can be performed on a cell. [5M]

4. How will you use a formula in Excel ? Explain with example.

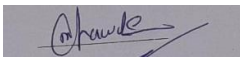
Que 2] Solve any three

1. Write a note on Custom Animation and Slide transition. [5M]

2. Explain auto-context wizard in detail. [5M]

3. Explain Pack and go option of MS-PowerPoint in detail. Explain how it is beneficial.

4. Explain Auto Content Wizard in PowerPoint. [5M]



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