

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

BCA I Semester-I(2019-20)

Computer Fundamentals Paper-I


Result of Unit Test held on 14/9/2019 on Unit I and Unit II

Name of the teacher: Amruta Thakur

Sr. No.	Name	Marks out of 30 in Unit I-II
1	Ali Nurhahan Shaukat	11
2	Ambekar Atharva Laxmikant	AA
3	Arora Urshala Darshan	17
4	Asampelli Harshal Namdeo	00
5	Badre Himanshu Suresh	00
6	Baghele Tanoj Khushilal	12
7	Bangre Abhishek Rajendra	21
8	Bhagatkar Reshma Nilkumar	10
9	Bhatgare Dhanashree Manish	16
10	Bhokre Sansruti Sanjay	28
11	Bhoyar Vishrut Ganesh	10
12	Bisane Vinay Dilip	11
13	Bisen Vipul Holendra	21
14	Bitale Sonal Umesh	AA
15	Bobade Yash Sudhakar	27
16	Bodhankar Rahul Vilas	19
17	Bonde Mitali Ajay	21
18	Borkute Kaushik Bharat	10
19	Burde Sahil Vijay	20
20	Chauhan Prachi Vinod	11
21	Choudhari Deepali Sunil	21
22	Daf Nayanshree Dipak	8
23	Dafale Ritesh Pradeep	25
24	Dahikar Digvijay Sanjayrao	12
25	Dangre Sojwal Dinesh	29
26	Dapewar Mokshada Ravindra	19
27	Deorankar Vedant Ajay	28
28	Deshkar Radhika Umesh	AA
29	Dhakane Ayush Nandesh	7
30	Dharmadhikari Prathmesh Mangesh	00
31	Dhokane Sakshi Kishor	24
32	Dubey Rupam Tarurendra	15

33	Fidvi Batul Mufazzal	12
34	Gadve Nikita Manoj	29
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36	Ganvir Shalini Dinesh	23
37	Gaurihar Atharva Subhash	26
38	Ghate Piyush Pandurang	11
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45	Itankar Alok Kuwarlal	27
46	Jamaiwar Alok Kuwarlal	20
47	Kale Harshali Sambhaji	7
48	Kamble Bharat Manohar	11
49	Kashyap Mohit Vijay	30
50	Katre Divya Bhumeswar	29
51	Katre Rupam Tekram	18
52	Kaushik Kunal Mahesh	5
53	Khairkar Manish Hemraj	23
54	Khamankar Suraj Pandhari	29
55	Kharabe Aachal Kiran	21
56	Khedikar Tanmay Sunil	23
57	Khelkar Sejal Prakash	25
58	Khoware Shruti Surendra	00
59	Kshirsagar Tanaya Mahendra	18
60	Kukade Vivek Mulchand	00
61	Kumbhre Shraddha Dayaram	28
62	Kurumkar Prathmesh Rahul	11
63	Ladkar Sakshi Surendra	9
64	Lanjewar Prayank Anil	30
65	Manchalwar Pranjal Manoj	11
66	Manekar Diksha Nandkishor	7
67	Manmode Vaishnavi Subhash	13
68	Martha Nishtha Rakesh	11
69	Masulkar Viraj Ganpat	22
70	Meshram Yogesh Prabhakar	22
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88	Sewatkar Yash Sunil	17
89	Shastrakar Vaishnavi Sanjay	14
90	Shende Ajit Dasaram	15
91	Shende Pooja Murlidhar	22
92	Shete Allit Madhav	AA
93	Shinde Shashwat Haribhau	18
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103	Urkude Shreyash Umakant	19
104	Vairagare Arya Vipin	AA
105	Vibhute Chaitanya Shyam	16
106	Vishwakarma Harsh Sudeep	22
107	Wanare Gauri Induram	7


Signature of the Teacher


Head
Department of Computer Science



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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2019-2020
Bachelor of Computer Application (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 Bus? Explain Address and Data Bus in detail. | 5 |
| 2.Draw block diagram of computer.Explain the function of each unit. | 5 |
| 3. Do as directed: a) $(367)_{10}=(?)_2$ b) $(7AC)_{16}=(?)_{10}$ | 5 |
| 4. Explain Compiler and Interpreter | 5 |

UNIT-II

QUE. 1. SOLVE ANY THREE

- | | |
|--|---|
| 1.Explain the following memory in brief: a)FLASH b)RAM | 5 |
| 2.Explain the working of Blue ray and Zip disk. | 5 |
| 3.What is Memory? Explain Static and Dynamic 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(2019-20)**

Computer Fundamentals Paper-I


Result of Unit Test held on 28/10/2019 on Unit III and Unit IV

Name of the teacher: Amruta Thakur

Sr. No.	Name	Marks out of 30 in Unit III-IV
1	Ali Nurhahan Shaukat	AA
2	Ambekar Atharva Laxmikant	10
3	Arora Urshala Darshan	17
4	Asampelli Harshal Namdeo	AA
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104	Vairagare Arya Vipin	AA
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Academic Session 2019-2020
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 voice input and light pen. | 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 Network? Explain LAN and Wan in detail. | 5 |
| 3. Describe Peer to Peer and Client server network. | 5 |
| 4. Explain Infrared devices and Routers in detail. | 5 |



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SCIENCECOLLEGE,CONGRESSNAGAR,NAGPUR.

BCAISemester-I(2019-20)

C Programming Paper-II

ResultofUnitTestheldon 29/08/2019 on

UnitI and UNIT II

Name of the teacher: Mrs. M. T. Wanjari

Sr. No.	Name	Marks outof30
1	AAKANSHAGAJANANTHAKARE	27
2	AARTISHIVRAMTIWARI	26
3	ACHALKIRANKHARABE	6
4	ANCHALPRAMOD THAKUR	16
5	ANUSHKAANILSHIVANAND	21
6	BATULMUFAZZALFIDVI	25
7	BHEDIKASANJAYGOTAPHODE	20
8	DEEPALI SUNILCHOUDHARI	17
9	DHANASHREEMANISH BHATGARE	22
10	DHANASHRISANJAY HULKEY	13
11	DHANSHREEGPAWADE	25
12	DIKSHANANDKISHOR MANEKAR	5
13	DIVYA BHUMESHWARKATRE	29
14	DIVYASUDHAKARPAWAR	26
15	GAURIINDURAMWANARE	10
16	HARSHALISAMBHAJIKALE	24
17	KIRTIOMRAO TULSHIKAR	6
18	MITALIAJAY BONDE	26
19	MOKSHADA RAVINDRA DAPEWAR	15
20	NAYANSHREE DEEPAK DAF	21
21	NIKITAMANOJGADVE	10
22	NISHTHARAKESH MARTHA	9
23	NURJAHAN SHAUKATALI	18
24	POOJAMURLIDHAR SHENDE	20
25	PRACHIVINOD CHAUHAN	25
26	PRANJALMANOJMANCHALWAR	12
27	RADHIKAUMESH DESHKAR	20
28	RESHMANILKUMAR BHAGATKAR	28
29	RIASHAILESHSAXENA	5

30	ROSHNIBABBUSHUKLA	17
31	RUPAMTDUBEY	9
32	SAKSHIKISHORDHOMANE	8
33	SAKSHISURENDRALADKAR	24
34	SAMIKSHASANJAY SHINGODE	26
35	SANSKRUTISANJAY BHOKRE	28
36	SEJALPRAKASH KHELKAR	7
37	SHALINIDINESHGANVIR	30
38	SHRADDHA DAYARAMKUMBHRE	5
39	SHRUTISURENDRAKHOWARE	19
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47	VAISHNAVIARUNCHAUDHARI	14
48	VAISHNAVISANJAY SHASTRAKAR	13
49	VAISHNAVISUBHASH MANMODE	28
50	VINEETAGANESHPAWAR	11
51	AAYUSHVINOD SATPUTE	11
52	ABHISHEKRAJENDRABANGRE	13
53	AJITDASARAMSHENDE	26
54	ALOK KUWARLALJAMAIWAR	28
55	AMANMUKESH RAUT	26
56	ANURAGRAJESHGANJARE	12
57	ARYA VIPINVAIRAGARE	17
58	ASANG PURVESHNANDESHWAR	5
59	ATHARVALAXMIKANTAMBEKAR	22
60	ATHARVA SUBHASHGAURIHAR	28
61	AVINASH SANJAYRAO THAKARE	18
62	AYUSHNANDESHDHAKNE	9
63	BHARATMANOHARKAMBLE	7
64	CHAITANYA SHYAM VIBHUTE	30

65	DIGVIJAY SANJAY RAODAHIKAR	15
66	HARSHSUDEEP VISHWAKARMA	9
67	HARSHALN ASAMPELLI	11
68	HIMANSHUKESHAVSUMBEKAR	5
69	HIMANSHUSURESHBADRE	8
70	ISHANTVASANTASONTAKKE	11
71	JAGDISHBALAJIMORE	19
72	KAUSHIKBHARATBORKUTE	5
73	KHUSHALSANJAYGOJE	6
74	KUNALMAHESHKAUSHIK	5
75	LALITMADHAV SHETE	7
76	MANISHHEMRAJKHAIRKAR	20
77	MOHITVIJAYKASHYAP	8
78	NISHANTSANDIP ITANKAR	12
79	PAVANN.PANDRANGI	22
80	PIYUSHPANDURANGGHATE	8
81	PRASADVINAYNIRALE	6
82	PRATHAMESH DHARMADHIKARI	17
83	PRATHMESH RAHULKURUMKAR	8
84	PRATIKMANOJNETKE	28
85	PRAYANKANILLANJEWAR	17
86	RAHULVBODHANKAR	5
87	RAJNIKANT RADHESHYAM PARATE	5
88	RITESHPRADEEPDAFALE	9
89	RITIKBALESH KAKDE	24
90	RUPAMTEKRAM KATRE	12
91	RUTVIK ATULSARAF	27
92	SAFDAR AKBAR ALI	26
93	SAHILVIJAYBURDE	6
94	SARVESHNANAJISANGOLKAR	16
95	SHASHWAT HARIBHAU SHINDE	21
96	SHREYASHKAMLESH RAWAT	25
97	SHREYASH UMAKANTURKUDE	20
98	SHUBHAM MADHUKAR KALBANDE	17
99	SHUBHAMMATSYENDRATIWARI	22

100	SHUBHAMNAMDEO RAMTEKE	13
101	SURAJ PANDHARIKHAMANKAR	25
102	SWAPNILSANJAYPARKHI	5
103	TANMAYSUNILKHEDIKAR	29
104	TANOJKHUSHILALBAGHELE	26
105	TEJASSHESHRAO THAKRE	10
106	TEJAS TARESH SAKHARKAR	24
107	VEDANTAJAYDEORANKAR	6
108	VINAYDILIP BISANE	26
109	VIPULHOLENDRABISEN	15
110	VIRAJGANPATMASULKAR	21
111	VISHALKUNJILALPARDHI	10
112	VISHRUTGANESH BHOYAR	9
113	VIVEK MULCHAND KUKADE	17
114	YASH SUDHAKARBOBADE	5
115	YASHSUNILSEWATKAR	5
116	YASH VASANTAGOMKALE	9
117	YASHVIJAYRAOGOMASE	24
118	YASHYUVRAJATKARE	12
119	YOGESHPRABHAKARMESHAM	22

Signature of the Teacher

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Academic Session 2019-2020
Bachelor of Computer Application (B.C.A) (Semester-II)
C Programming Paper-II
UNIT TEST on Unit I- II**

[Time: 45 min.]

[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. 1. SOLVE ANY THREE

1. What is Variable ? Explain datatypes used in "C" Programming. 5
2. Write a program to prepare marksheet of student showing name of students, marks of 03 subject, total and percentage. 5
3. Write a program to find reverse of any entered number. 5
4. Explain for loop and while loop with syntax and example.



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BCA I Semester-I(2019-20)

C Programming Paper-I

Result of Unit Test held on 19/10/2019 on

Unit III and UNIT IV

Name of the teacher: Mrs. M. T. Wanjari

Sr. No.	Name	Marks out of 30
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26	PRANJALMANOJMANCHALWAR	29
27	RADHIKAUMESH DESHKAR	5
28	RESHMANILKUMAR BHAGATKAR	22
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91	RUTVIK ATULSARAF	5
92	SAFDAR AKBAR ALI	22
93	SAHILVIJAYBURDE	28
94	SARVESHNANAJISANGOLKAR	18
95	SHASHWAT HARIBHAU SHINDE	9
96	SHREYASHKAMLESH RAWAT	7
97	SHREYASH UMAKANTURKUDE	30
98	SHUBHAM MADHUKAR KALBANDE	15
99	SHUBHAMMATSYENDRATIWARI	9

100	SHUBHAMNAMDEO RAMTEKE	11
101	SURAJ PANDHARIKHAMANKAR	5
102	SWAPNILSANJAYPARKHI	8
103	TANMAYSUNILKHEDIKAR	11
104	TANOJKHUSHILALBAGHELE	19
105	TEJASSHESHRAO THAKRE	5
106	TEJAS TARESH SAKHARKAR	6
107	VEDANTAJAYDEORANKAR	5
108	VINAYDILIP BISANE	7
109	VIPULHOLENDRABISEN	20
110	VIRAJGANPATMASULKAR	8
111	VISHALKUNJILALPARDHI	12
112	VISHRUTGANESH BHOYAR	22
113	VIVEK MULCHAND KUKADE	8
114	YASH SUDHAKARBOBADE	6
115	YASHSUNILSEWATKAR	17
116	YASH VASANTAGOMKALE	8
117	YASHVIJAYRAOGOMASE	28
118	YASHYUVRAJATKARE	17
119	YOGESHPRABHAKARMESHAM	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
Academic Session 2019-2020
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

1. What is function ? What are different ways to give a call to function ? 5
2. Explain strcat () and strcmp () functions. 5
3. Write a program to input 10 elements of array and display the 10 elements. 5
4. What is array ? Explain different types of arrays in detail. 5

UNIT-IV

QUE. 1. 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



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Congress Nagar, Nagpur

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

BCA I Semester-I (2019-20)

STATISTICAL METHODS Paper-III

Result of Unit Test held on 1/10/2019 on

Unit I and UNIT II

Name of the teacher: V . C . Pande

Sr. No.	Name	Marks out of 30
1	AAKANSHA GAJANAN THAKARE	12
2	AARTI SHIVRAM TIWARI	22
3	ACHAL KIRAN KHARABE	21
4	ANCHAL PRAMOD THAKUR	24
5	ANUSHKA ANIL SHIVANAND	16
6	BATUL MUFAZZAL FIDVI	24
7	BHEDIKA SANJAY GOTAPHODE	27
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15	GAURI INDURAM WANARE	9
16	HARSHALI SAMBHAJI KALE	22
17	KIRTI OMRAO TULSHIKAR	15
18	MITALI AJAY BONDE	29
19	MOKSHADA RAVINDRA DAPEWAR	25
20	NAYANSHREE DEEPAK DAF	9
21	NIKITA MANOJ GADVE	29
22	NISHTHA RAKESH MARTHA	5

23	NURJAHAN SHAUKAT ALI	22
24	POOJA MURLIDHAR SHENDE	25
25	PRACHI VINOD CHAUHAN	15
26	PRANJAL MANOJ MANCHALWAR	20
27	RADHIKA UMESH DESHKAR	14
28	RESHMA NILKUMAR BHAGATKAR	12
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31	RUPAM T DUBEY	6
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36	SEJAL PRAKASH KHELKAR	17
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51	AAYUSH VINOD SATPUTE	18

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53	AJIT DASARAM SHENDE	25
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55	AMAN MUKESH RAUT	20
56	ANURAG RAJESH GANJARE	28
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58	ASANG PURVESH NANDESHWAR	17
59	ATHARVA LAXMIKANT AMBEKAR	9
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Signature of the teacher

Head of the Department



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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2022-2023
Bachelor of Computer Application (B.C.A) (Semester-II)
STATISTICAL METHODS - PAPER III
UNIT TEST on Unit I - II

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-I

QUE. 1. SOLVE ANY THREE

- | | |
|--|---|
| a) Explain various functions of Statistics. | 5 |
| b) What are the various methods of Sampling ? Explain. | 5 |
| c) Describe the various methods of collection of Statistical Data. | 5 |
| d) Write limitations of Statistics. | 5 |

UNIT-II

QUE. 1. SOLVE ANY THREE

- | | |
|---|---|
| a) Define Central Tendency. What are the various measures of central tendencies ?
Explain advantages and disadvantages of Arithmetic Mean. | 5 |
| b) Find the mode of the following frequency distribution | 5 |

Size (x)	Frequency (f)
1	3
2	8
3	15
4	23
5	35
6	40
7	32
8	28
9	20
10	45
11	14
12	6

- (b) Explain graphic representations of Frequency Distribution. 5
- (c) Calculate arithmetic mean of marks of following data : 5

Marks	No. of Students
0-10	12
10-20	18
20-30	27
30-40	20
40-50	17
50-60	6



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
BCA I Semester-I (2019-20)
Programming in c++ Paper-I
Result of Unit Test held on 28/11/2019 on Unit III and
UNIT IV**

Name of the teacher: V . C . Pande

Sr. No.	Name	Marks out of 30
1	AAKANSHA GAJANAN THAKARE	13
2	AARTI SHIVRAM TIWARI	14
3	ACHAL KIRAN KHARABE	18
4	ANCHAL PRAMOD THAKUR	15
5	ANUSHKA ANIL SHIVANAND	29
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Signature of the teacher



Head of the Department



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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2022-2023
Bachelor of Computer Application (B.C.A) (Semester-II)
STATISTICAL METHODS - PAPER III
UNIT TEST on Unit III - IV

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-III

QUE. 1. SOLVE ANY THREE

- a. Prove that for any discrete distribution, standard deviation is not less than mean deviation from mean. 5
- b. Find the coefficient of skewness from the data given below :

Size	3	4	5	6	7	8	9	10	
Frequency	7	10	14	35	102	136	43	8	5

- c. What are the objectives of measuring dispersion of a frequency distribution ? Explain. 5
- d. Calculate quartile deviation and its coefficient from the following data : 5

Wages	No. of Wages
0–10	20
10–20	45
20–30	85
30–40	160
40–50	70
50–60	55
60–70	35
70–80	30

UNIT-IV

- a. Explain coefficient of correlation with its limits. 5
- b. A random sample of 5 college students is selected and their grades in Mathematics and Statistics are found to be :

Mathematics	85	60	73	40	90
Statistics	93	75	65	50	80

Calculate Rank Correlation Coefficient.

5

- c. What is Regression ? Explain the properties of regression coefficient in detail.

5

- d. Obtain lines of regression for the following :

X	1	2	3	4	5	6	7	8	9
Y	9	8	10	12	11	13	14	16	15

And also obtain an estimate of Y which should correspond to the average $X = 6.2$.

5

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

BCAI Semester-I (2019-20)

Discrete Mathematics-I

Paper-IV

Result of Unit Test held on 30/08/2019 on

Unit I and UNIT II

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Aakansha Gajanan Thakare	19
2	Aarti Shivram Tiwari	22
3	Achal Kiran Kharabe	11
4	Anchal Pramod Thakur	18
5	Anushka Anil Shivanand	14
6	Batul Mufazzal Fidvi	21
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12	Diksha Nandkishor Manekar	25
13	Divya Bhumeshwar Katre	17
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15	Gauri Induram Wanare	21
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19	Mokshada Ravindra Dapewar	6
20	Nayanshree Deepak Daf	24
21	Nikita Manoj Gadve	13
22	Nishtha Rakesh Martha	25
23	Nurjahan Shaukat Ali	22
24	Pooja Murlidhar Shende	21
25	Prachi Vinod Chauhan	27
26	Pranjal Manoj Manchalwar	17
27	Radhika Umesh Deshkar	13
28	Reshma Nilkumar Bhagatkar	11
29	Ria Shailesh Saxena	27
30	Roshni Babbu Shukla	28
31	Rupam T Dubey	20
32	Sakshi Kishor Dhomane	10
33	Sakshi Surendra Ladkar	18
34	Samiksha Sanjay Shingode	27
35	Sanskruiti Sanjay Bhokre	5
36	Sejal Prakash Khelkar	14
37	Shalini Dinesh Ganvir	25

38	Shraddha Dayaram Kumbhre	6
39	Shruti Surendra Khoware	19
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51	Aayush Vinod Satpute	21
52	Abhishek Rajendra Bangre	10
53	Ajit Dasaram Shende	21
54	Alok Kuwarlal Jamaiwar	27
55	Aman Mukesh Raut	13
56	Anurag Rajesh Ganjare	5
57	Arya Vipin Vairagare	8
58	Asang Purvesh Nandeshwar	7
59	Atharva Laxmikant Ambekar	11
60	Atharva Subhash Gaurihar	15
61	Avinash Sanjayrao Thakare	18
62	Ayush Nandesh Dhakne	25
63	Bharat Manohar Kamble	25
64	Chaitanya Shyam Vibhute	18
65	Digvijay Sanjay Rao Dahikar	25
66	Harsh Sudeep Vishwakarma	20
67	Harshal N Asampelli	12
68	Himanshu Keshav Sumbekar	21
69	Himanshu Suresh Badre	26
70	Ishant Vasanta Sontakke	23
71	Jagdish Balaji More	16
72	Kaushik Bharat Borkute	16
73	Khushal Sanjay Goje	28
74	Kunal Mahesh Kaushik	17
75	Lalit Madhav Shete	26
76	Manish Hemraj Khairkar	8
77	Mohit Vijay Kashyap	20
78	Nishant Sandip Itankar	21
79	Pavan N. Pandrangi	12
80	Piyush Pandurang Ghate	11
81	Prasad Vinay Nirale	18
82	Prathamesh Dharmadhikari	15
83	Prathmesh Rahul Kurumkar	10
84	Pratik Manoj Netke	6

85	Prayank Anil Lanjewar	28
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87	Rajnikant Radheshyam Parate	24
88	Ritesh Pradeep Dafale	26
89	Ritik Balesh Kakde	16
90	Rupam Tekram Katre	27
91	Rutvik Atul Saraf	28
92	Safdar Akbar Ali	14
93	Sahil Vijay Burde	11
94	Sarvesh Nanaji Sangolkar	27
95	Shashwat Haribhau Shinde	22
96	Shreyash Kamlesh Rawat	23
97	Shreyash Umakant Urkude	27
98	Shubham Madhukar Kalbande	AB
99	Shubham Matsyendra Tiwari	20
100	Shubham Namdeo Ramteke	25
101	Suraj Pandhari Khamankar	13
102	Swapnil Sanjay Parkhi	25
103	Tanmay Sunil Khedikar	15
104	Tanoj Khushilal Baghele	26
105	Tejas Sheshrao Thakre	15
106	Tejas Taresh Sakharkar	12
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114	Yash Sudhakar Bobade	AB
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116	Yash Vasanta Gomkale	27
117	Yash Vijayrao Gomase	AB
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119	Yogesh Prabhakar Meshram	22

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

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-I

QUE. 1. SOLVE ANY THREE

1. Show that the truth table of the formula is independent of the components:
 $(P \rightarrow Q) \Leftrightarrow (\neg P \vee Q)$ 5
2. State Duality Law.
Verify duality law for $A(P, Q, R) = \neg P \wedge \neg(Q \vee R)$. 5
3. Given the truth values of P and Q as T and those of R and S as F, find the truth values of the following:
 $(\neg(P \wedge Q) \vee \neg R) \vee ((Q \Leftrightarrow \neg P) \rightarrow (R \vee \neg S))$. 5
4. Show the equivalence:
 $\neg(P \Leftrightarrow Q) \Leftrightarrow (P \wedge \neg Q) \vee (\neg P \wedge Q)$. 5

UNIT- II

QUE. 2. SOLVE ANY THREE

1. Show that the formula $Q \vee (P \wedge \neg Q) \vee (\neg P \wedge \neg Q)$ is a tautology by using conjunctive normal form. 5
2. Obtain the Principal Conjunctive normal form of the formula
 $(\neg P \rightarrow R) \wedge (Q \Leftrightarrow P)$. 5
3. Obtain the Principal Disjunctive Normal Form for the formula:
 $P \rightarrow (P \rightarrow Q) \wedge \neg(\neg Q \vee \neg P)$. 5
4. Show that the following is equivalent formula:
 $(P \vee (\neg P \vee Q)) \Leftrightarrow P \vee Q$. 5



Signature of the Teacher



**Head
Department of Computer Science**



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

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

BCA I Semester-I (2019-20)

Discrete Mathematics-I

Paper-IV

Result of Unit Test held on 21/10/2019 on


Unit III and UNIT IV

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Aakansha Gajanan Thakare	28
2	Aarti Shivram Tiwari	18
3	Achal Kiran Kharabe	30
4	Anchal Pramod Thakur	13
5	Anushka Anil Shivanand	23
6	Batul Mufazzal Fidvi	26
7	Bhedika Sanjay Gotaphode	AB
8	Deepali Sunil Choudhari	12
9	Dhanashree Manish Bhatgare	27
10	Dhanashri Sanjay Hulkey	27
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14	Divya Sudhakar Pawar	18
15	Gauri Induram Wanare	16
16	Harshali Sambhaji Kale	22
17	Kirti Omrao Tulshikar	1
18	Mitali Ajay Bonde	15
19	Mokshada Ravindra Dapewar	6
20	Nayanshree Deepak Daf	22
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22	Nishtha Rakesh Martha	16
23	Nurjahan Shaukat Ali	8
24	Pooja Murlidhar Shende	17
25	Prachi Vinod Chauhan	15
26	Pranjal Manoj Manchalwar	AB
27	Radhika Umesh Deshkar	AB
28	Reshma Nilkumar Bhagatkar	19
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33	Sakshi Surendra Ladkar	19
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35	Sanskruati Sanjay Bhokre	10
36	Sejal Prakash Khelkar	15
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48	Vaishnavi Sanjay Shastrakar	29
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67	Harshal N Asampelli	22
68	Himanshu Keshav Sumbekar	1
69	Himanshu Suresh Badre	27
70	Ishant Vasanta Sontakke	2
71	Jagdish Balaji More	27
72	Kaushik Bharat Borkute	2
73	Khushal Sanjay Goje	23
74	Kunal Mahesh Kaushik	22
75	Lalit Madhav Shete	5
76	Manish Hemraj Khairkar	1
77	Mohit Vijay Kashyap	19
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Signature of the Teacher



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

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

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-III

QUE. 1. SOLVE ANY THREE

1. Determine whether the conclusion C is valid when H_1, H_2 are the premises.
 $H_1 : \neg P \quad H_2 : P \Leftrightarrow Q \quad C : \neg(P \wedge Q)$. 5
2. Show that $R \wedge (P \vee Q)$ is a valid conclusion from the premise :
 $P \vee Q, Q \rightarrow R, P \rightarrow M$ and $\neg M$. 5
3. Show that $\neg(P \wedge Q)$ follows from $\neg P \wedge \neg Q$. 5
4. Show that the following premises are inconsistent.
 $P \rightarrow Q, P \rightarrow R, Q \rightarrow \neg R, P$. 5

UNIT- IV

QUE. 2. SOLVE ANY THREE

1. (A) Show that :
 $(x) (P(x) \rightarrow Q(x)) \wedge (x) (Q(x) \rightarrow R(x)) \Rightarrow (x) (P(x) \rightarrow R(x))$. 5
2. Indicate in following the variables are free or bound, also show the scope :
 $(x) (P(x) \wedge R(x), \rightarrow (x) P(x) \wedge Q(x))$. 5
22. Symbolize the statement using the set of positive integers as the universe of discourse.
"Given any positive integer, there is a greater positive integer." 5
23. Show that $(\exists x) M(x)$ follows logically from the premises :
 $(x) (H(x) \rightarrow M(x))$ and $(\exists x) H(x)$. 5



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

BCAI Semester-I (2019-20)

Operating System

Paper-V

Result of Unit Test held on: 17/08/2019

Unit I and UNIT II

Name of the Teacher: Ms. Puja Dadhe

Sr. No	Name of Student	Marks out of 30
1	Aakansha Gajanan Thakare	26
2	Aarti Shivram Tiwari	25
3	Achal Kiran Kharabe	11
4	Anchal Pramod Thakur	13
5	Anushka Anil Shivanand	22
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Signature of the Teacher




Head
Department of Computer Science

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S. S. S. Am's Science College,
Congress Nagar, Nagpur

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

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-I

QUE. 1. SOLVE ANY THREE

- (A) What is Operating System? Explain the characteristics of modern operating system. 5
(B) Explain schedulers and type of schedulers in detail. 5
(C) What is a thread? Explain the concept of multithreading with a suitable example. 5
(D) What is scheduling? Explain FCFS scheduling algorithm with example. 5

UNIT- II

QUE. 2. SOLVE ANY THREE

- (A) What do you mean by Performance Comparison?
Explain: (i) Deterministic Modeling (ii) Queuing Analysis. 5
(B) What is Deadlock Prevention? How can we prevent a deadlock? 5
(C) What is Resource allocation graph? Explain. 5
(D) Explain Mutual Exclusion and Hold & Wait condition in detail. 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

BCA I Semester-I (2019-20)
Operating System
Paper-V
Result of Unit Test held on: 11/10/2019
Unit III and UNIT IV

Name of the teacher: Ms. Puja Dadhe

Sr. No.	Name	Marks out of 30
1	Aakansha Gajanan Thakare	AA
2	Aarti Shivram Tiwari	13
3	Achal Kiran Kharabe	26
4	Anchal Pramod Thakur	15
5	Anushka Anil Shivanand	27
6	Batul Mufazzal Fidvi	25
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8	Deepali Sunil Choudhari	AA
9	Dhanashree Manish Bhatgare	12
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63	Bharat Manohar Kamble	AA
64	Chaitanya Shyam Vibhute	26
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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 2019-2020
Bachelor of computer Application (BCA) (Semester-I)
Paper-V
Operating System

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-III

QUE. 1. SOLVE ANY THREE

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

UNIT-IV

QUE. 2. SOLVE ANY THREE

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



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.**

Bachelor of Computer Application

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

Office Automation Paper-VI

Result of Unit Test held on 12/09/2019 on Unit I & II

Name of the teacher: Manisha Chawale

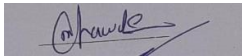
Sr. No.	Name of the Students	Marks out of 30
1	Aakansha Gajanan Thakare	30
2	Aarti Shivram Tiwari	13
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58	Prathamesh Dharmadhikari	30
59	Prathmesh R. Kurumkar	23
60	Pratik Manoj Netke	30
61	Prayank Anil Lanjewar	12
62	Radhika Umesh Deshkar	24
63	Rahul V Bodhankar	19
64	Rajnikant R. Parate	19
65	Reshma N. Bhagatkar	30
66	Ria Shailesh Saxena	14
67	Ritesh Pradeep Dafale	18
68	Ritik Balesh Kakde	22
69	Roshni Babbu Shukla	10
70	Rupam Tarurendra Dubey	18
71	Rupam Tekram Katre	13
72	Rutvik Atul Saraf	30
73	Safdar Akbar Ali	29
74	Sahil Vijay Burde	16
75	Sakshi Kishor Dhomane	18
76	Sakshi Surendra Ladkar	10
77	Samiksha Sanjay Shingode	26
78	Sanskruiti Sanjay Bhokre	19
79	Sarvesh Nanaji Sangolkar	26
80	Sejal Prakash Khelkar	26
81	Shalini Dinesh Ganvir	10
82	Shashwat Haribhau Shinde	18

83	Shraddha D. Kumbhre	12
84	Shreyash Kamlesh Rawat	21
85	Shreyash Umakant Urkude	12
86	Shruti Surendra Khoware	11
87	Shruti Y. Nagardhankar	12
88	Shubham M. Kalbande	18
89	Shubham M. Tiwari	28
90	Shubham Namdeo Ramteke	15
91	Sojwal Dinesh Dangre	24
92	Sonal Umesh Bitale	22
93	Suraj P. Khamankar	19
94	Swapnil Sanjay Parkhi	28
95	Swati Narsh Sayam	22
96	Tanaya M. Kshirsagar	20
97	Tanmay Sunil Khedikar	25
98	Tanoj Khushilal Baghele	10
99	Tejas Sheshrao Thakre	15
100	Tejas Taresh Sakharkar	24
101	Tejaswini R. Hinganekar	23
102	Urshala Darshan Arora	13
103	Vaishnavi Arun Chaudhari	27
104	Vaishnavi S. Shastrakar	27
105	Vaishnavi S. Manmode	20
106	Vedant Ajay Deorankar	14
107	Vinay Dilip Bisane	17
108	Vineeta Ganesh Pawar	23
109	Vipul Holendra Bisen	19
110	Viraj Ganpat Masulkar	20
111	Vishal Kunjilal Pardhi	16
112	Vishrut Ganesh Bhoyar	22
113	Vivek Mulchand Kukade	24

114	Yash Sudhakar Bobade	28
115	Yash Sunil Sewatkar	30
116	Yash Vasanta Gomkale	16
117	Yash Vijayrao Gomase	29
118	Yash Yuvraj Atkare	12
119	Yogesh P. Meshram	26



Signature of the Teacher



**Head
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Congress Nagar, Nagpur

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

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

Office Automation Paper-VI

UNIT I & UNIT II

[Time: 48 min.]

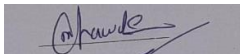
[Maximum Marks: 30]

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]



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. I Semester-I (2019-20)

OFFICE AUTOMATION Paper-vi

Result of Unit Test held on 25/09/2019 on Unit I & II

Name of the teacher: Manisha Chawale

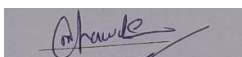
Sr. no	Name of Students	Marks out of 30
1	AACHAL RAJNAND ARVERKAR	10
2	AAYUSH RAJENDRA TAREKAR	16
3	ABHISHEK SANJAY THOKAL	10
4	ADITYA KAILAS MANE	22
5	AISHWARYA NAMDEV LATKAR	20
6	AKANKSHA AJAYKUMAR SHENDE	11
7	ALKESH ARUN MAHAMUNE	22
8	ANSH MOHAN PIMPLE	28
9	ANSHU GUNWANT YEKUDE	29
10	ANUJA VILAS ZADE	23
11	ANUPAM RAKESH PANDEY	17
12	ANURAG GANESH MASRAM	25
13	ANURAG RAJESH WASNIK	18
14	ARCHANA TEJRAM SHARNAGATE	18
15	AYUSH BABAN PAWAR	16
16	AYUSH RAJESH DUBEY	24
17	CHETNA SUNIL HEDAU	28
18	DARSHAN SUDESH KAMBLE	27
19	DEVASHISH SANTOSHKUMAR TEMBHARE	28
20	EKNATH VIJAY KAPSE	11
21	GAURAV LAXMICHANDRAHANGDALE	23
22	HARSH ASHISH KSHIRSAGAR	16
23	HARSH HARISH GAIKWAD	14
24	HARSHAL RAJU DAF	24
25	HARSHALI ASHOK TAKALKHEDE	13
26	HIMANSHU YASHWANT GAIDHANE	20
27	ISHWESHWARI RAJENDRA THAKRE	15
28	KAJAL ASHOK UMARE	29
29	KALASH SUKRAM GONDHULE	20
30	KARINA PARASRAM ATRAHE	11
31	KARTAVYA PRAKASH BADGE	13

32	KARTIK SUDHAKAR BAMBAL	22
33	KHUSHEE UDELAL PARDHI	24
34	KHUSHI ASHOK GHATE	30
35	KHUSHI MANOJ BHAGAT	26
36	KOMAL KAILASH PATIYE	28
37	KRUNAL AJAY KUHITE	24

38	LEENA MURLIDHAR YENKAR	10
39	MAHIMA RAJENDRA BHASMOTE	21
40	MAI RAMDAS BANSOD	27
41	MANAS SHAILENDRA KOKATE	27
42	MOIN ABDUL WAHID KHAN	19
43	MUGHEES UR SHAFIQR RAHMAN ANSARI	14
44	MUSHFIQUE MEHBOOB ALI	30
45	NAMRATA PRAMOD THAWARE	28
46	NANDINI PRAVINSINGH SURYAWANSHI	17
47	NANDINI VIJAYRAO KHANDARE	23
48	NAYANI SUNIL BORKAR	11
49	NEHA VIJAY VAIDYA	17
50	NIDHI KOMAL CHANDEL	20
51	NIKITA SATISH WARATKAR	23
52	NILESH HIRJI SHAHARE	23
53	NISARGA SANJAY HADKE	21
54	NITESH NEHARULAL PATRE	28
55	OM PANKAJ THORAT	18
56	PAWAN HOMRAJ SATPUTE	28
57	PAWANKUMAR RAMKISHOR GOKHE	21
58	PAYAL JAYENDRA AMBULE	21
59	PIYUSH CHANDRAMANI KHANDEKAR	25
60	PRACHI DNYANESHWAR BARDE	10
61	PRACHI MAHESH HULKE	14
62	PRAJWAL ASHOKRAO CHAUDHARI	13
63	PRANALI PRABHAKAR NAGPURE	28
64	PRANAY VAISRAJ GEDAM	19
65	PRANJAL RAJESH AMBULKAR	12
66	PRANJALI CHANDRAKANT KATRE	22
67	PRASHANT KISANAJI HIRUDKAR	16
68	PRATHMESH SHRAWAN ZADE	26
69	PRATIK TULSHIRAM BHUJADE	29
70	PRITI BIJENDRA PANDEY	19
71	PUJAN SANJAY SHAHARE	24

72	PUSHPAK ANIL TAMBULKAR	20
73	RAJNI MANOJRAO PISE	23
74	REHAN SHAHEJAD FARUKI	15
75	RISHITA ASHOK RAUT	19
76	RUCHIKA SHANKAR MESHRAM	18
77	RUPESH RAJENDRA GHUMARE	13
78	SAGAR SUNIL KALBANDHE	17
79	SAHIL GANESH BHEDE	11
80	SAHIL RAVINDRA CHOUDHARI	10
81	SAMIKSHA NARENDRA NAKSHANE	14
82	SAMIKSHA PRAKASH DUPARE	10
83	SANCHALI RAMKRUSHNA DHOTE	25
84	SANJANA VINOD WELE	13
85	SANKET KISHOR TIKHADE	30
86	SARANG NARENDRA BURDE	24
87	SARVESH RAMESH SAHARE	23
88	SAURABH GANESH GAIKWAD	19
89	SAYYAM SHYAMKUMAR CHICKHEDE	22
90	SHARDUL SUDHIR GARADE	10
91	SHIVAM RAMESH NACHANKAR	18
92	SHRAVANI VINOD DESHMUKH	19
93	SHREYA LAHU WAGH	11
94	SHRUSTI RAJESH RAMTEKE	26
95	SHWETA BALKRUSHNA BADKHAL	11
96	SIDDHESH SUBHASH GUHE	24
97	SNEHA SANDIP WASNIK	19
98	SNEHAL RAVINDRA RAJGE	15
99	TANMAY PREMGOPAL MALGHATE	15
100	TANUSHREE RAM JAULKAR	13
101	TANUSHREE REVNATH KOLHEKAR	20
102	TANVI DINESH TURKAR	21
103	TANVI RAJEEV DEDHE	12
104	TEJAS DNYANESHWAR WANKHEDE	27
105	TEJASWINI PUNDLIK YEKUDE	18
106	TRINKAL SANJAY DHALE	28
107	TRUPTI ASHOK PATLE	27
108	TULSI UMAKANT MALGHATE	10
109	TUSHAR BHAUJI BAGADE	17
110	VAIBHAVI CHANDRASHEKHAR MESHRAM	29
111	VAIBHAVI DHANPAL PATLE	22

112	AISHALI MADHUKAR CHAUDHARI	26
113	VAISHNAVI SUNIL GAIKWAD	23
114	VAISHNAVI VINOD MAHAKALKAR	16
115	VANSHIKA ARUN KHANDATE	19
116	VIKAS NAMDEO SANAP	17
117	YASH NARESH SONBARSE	13
118	YASH PRAVIN KHARABE	14
119	YASHASHREE RAMESHRAO PADWE	12
120	YOG RAMESH PATLE	10
121	ANURAG MISHRA	16
121	SHLOK YADAV	10



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

Office Automation Paper-IV

UNIT III & UNIT IV

[Time: 48 min.]

[Maximum Marks: 30]

Que 1] Solve any three questions.

How will you use a formula in Excel ? Explain with example. [5M]

1. Give the use of following MS-Excel functions : [5M]

(i) ROUND()

(ii) COUNT ()

(iii) ABS ()

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

4. What is chart creation ? Explain data form and data sort.

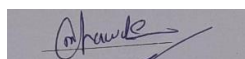
Que 2. Solve any three

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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