

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

BCA I Semester-I (2017-18)

Computer Fundamentals Paper-I


Result of Unit Test held on 30/9/2017 on Unit I and Unit II

Name of the teacher: Amruta J. Thakur

Sr. No.	Name	Marks out of 30 in Unit I-II
1	AKANSHA D. JAWADE	16
2	ANJALI C. DHONGADE	24
3	ANKITA SANJAY CHAMBHARE	7
4	ARPITA HEMANT RAUT	9
5	A. ASHOK SOLANKI	12
6	ARTI PARAS BHARADWAJ	24
7	DIVYA SUDHIR YADAV	21
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14	KRUTIKA ASHWIN LIMBAD	16
15	KRUTIKA SURESH RAUT	27
16	MADHAVI NARESH DHANDE	19
17	MADHURA MUKUND PANDE	AA
18	MRUNALI SHARAD BOKADE	10
19	MUSKAN SUSHIL KAMWANI	22
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96	SAURABH RAJU PATIL	15
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98	SONU SURYABHAN ZADE	28
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Signature of the Teacher


Head
Department of Computer Science



Professor & Head
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S. S. E. S. Amte Science College,
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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. Draw block diagram of computer. Explain the function of each unit. | 5 |
| 2. What is computer ? Explain functions 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 (2017-18)

Computer Fundamentals Paper-I

Result of Unit Test held on 18/11/2017 on Unit III and Unit IV

Name of the teacher: Amruta J. Thakur

Sr. No.	Name	Marks out of 30 in Unit III-IV
1	AKANSHA D. JAWADE	AA
2	ANJALI C. DHONGADE	AA
3	ANKITA SANJAY CHAMBHARE	17
4	ARPITA HEMANT RAUT	19
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Signature of the Teacher

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Academic Session 2017-2018
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Computer Fundamentals Paper-I
UNIT TEST on Unit III - IV**

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-III

QUE. 1. SOLVE ANY THREE

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

UNIT-IV

QUE. 1. SOLVE ANY THREE

- | | |
|---|---|
| 1. What is Topology ? Explain Tree and Mesh Topology. | 5 |
| 2. What is Computer Network? Explain its 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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BCA I Semester-I (2017-18)
C Programming Paper-II
Result of Unit Test held on 12/02/2021 on
Unit I and UNIT II

Name of the teacher: M. T. Wanjari

Sr. NO	Name of the Students	Marks out of 30
1	AKANSHAD.JAWADE	11
2	ANJALIS.DONGRE	15
3	ANJALIC.DHONGADE	14
4	ANKITAS.CHAMBHARE	22
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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-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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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

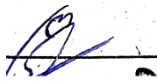
QUE. 1. SOLVE ANY THREE

- | | |
|---|---|
| (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 |



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 I Semester-I (2017-18)
STATISTICAL METHODS Paper-III
Result of Unit Test held on 29/09/2017 on
Unit I and UNIT II**

Name of the teacher: V . C . Pande

Sr. No.	Name	Marks out of 30
1	ANISHA RAJESH SOMKUWAR	7
2	ANJALA SUBHASH UFAT	15
3	APURVA RAJU GANRAJ	3
4	DHANASHREE DINKAR KUTE	18
5	KAJAL GOKULDAS LONDHE	26
6	KRUTIKA GOPAL LENDE	9
7	MAYURI RAMESH AGLAWE	5
8	MONICA G. CHATURVEDI	14
9	MOUSAMI RAJESH SINGH GOUR	11
10	NEHA LAKSHMAN MISHRA	8
11	NIKITA SUNIL MAHATPURE	29
12	PALAK DEEPAK CHOPRA	3
13	PRASHIKA AMRENDRA WALKE	6
14	PRIYA OMDUTTA GAUTAM	9
15	SHEETAL GOKULDAS LONDHE	6
16	SHIVANI DAMODHAR DONODE	16
17	SHIVANI RAMESH TRIVEDI	23
18	SHWETA RAJESH GUHE	9
19	SNEHAL SUBHASH JIWATODE	20
20	SONALI RAMESH GUPTA	15
21	SWARNA SANJAY BOKADE	26
22	TWINKLE PRAKASH TIWARI	14
23	UNNATI AVINASH GUPTA	24
24	VAIDEHI VINOD PALORKAR	22
25	ABHISHEK NANDKISHOR DIYEWAR	21
26	ADITYA ASHOK KHANTE	5

27	ADITYA SUDHIR TELPANDE	5
28	AMAN SURESH KHURANA	11
29	AMARNATH R. SHAHU	25
30	LVS PRASHANTH C. RONGALA	14
31	MOHIT RAJESH BOHRA	28
32	PRAJWAL SANJAY MAKANWAR	7
33	PRITISH KISHOR SARKAR	23
34	PRITISH MADHAV BHONDE	26
35	RAVI AMARJEET MOURYA	6
36	RITIK ANIL VERMA	19
37	RUSHABH ARVIND MANDVEKAR	11
38	RUSHABH MANOHAR AWAJEKAR	27
39	RUSHABH NANDKISHOR MASKE	6
40	SALIM LALTOO SHEIKH	24
41	SHIVAM YOGESHKUMAR PANDEY	23
42	SHUBHAM TOPRAM RAHANGDALE	9
43	VINIT BHIKAJI SHENDE	13
44	YASHWANTA D. CHANDNE	11
45	YOGENDRA DINESH BOKHAD	5
46	PARIKSHIT V. MANGRULKAR	19
47	SHEIKH S. S. A. SALAM	3
48	SHRADDHA P. BOKADE	18
49	TRUPTI VINAYAK DESHMUKH	7
50	ZAINAB ASGHAR HUSSAIN	11

Signature of the teacher

Head of the Department



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

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
Bachelor of Computer Application (B.C.A) (Semester-II)
STATISTICAL METHODS - PAPER III
UNIT TEST on Unit I - II

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-I

QUE. 1. SOLVE ANY THREE

1. Explain various types of classifications. 5
2. What is secondary data ? How does it differ from primary data ? 5
3. Define Statistics and discuss the cause of distrust of Statistics. 5
4. Explain the different methods of collecting primary data. 5

UNIT-II

QUE. 1. SOLVE ANY THREE

1. Explain Histogram. Draw a histogram for the data given below : 5

Marks	0-4	4-8	8-12	12-16	16-20
No. of students	4	6	10	8	4

2. What are the different measures of central tendency ? Explain. 5
3. The average salary of male employees in a firm was Rs. 5,200 and that of females was Rs. 4,200. The mean salary of all the employees was Rs. 5,000. Find the percentage of male and female employees. 5
4. Obtain the median for the following frequency distribution : 5

X	1	2	3	4	5	6	7	8	9
Y	8	10	11	16	14	15	19	20	12

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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
BCA I Semester-I (2017-18)
STATISTICAL METHODS Paper-III
Result of Unit Test held on 25/11/2017 on
Unit III and UNIT IV**

Name of the teacher: V . C . Pande

Sr. No.	Name	Marks out of 30
1	ANISHA RAJESH SOMKUWAR	12
2	ANJALA SUBHASH UFAT	5
3	APURVA RAJU GANRAJ	18
4	DHANASHREE DINKAR KUTE	29
5	KAJAL GOKULDAS LONDHE	25
6	KRUTIKA GOPAL LENDE	15
7	MAYURI RAMESH AGLAWE	24
8	MONICA G. CHATURVEDI	4
9	MOUSAMI RAJESH SINGH GOUR	18
10	NEHA LAKSHMAN MISHRA	17
11	NIKITA SUNIL MAHATPURE	25
12	PALAK DEEPAK CHOPRA	6
13	PRASHIKA AMRENDRA WALKE	23
14	PRIYA OMDUTTA GAUTAM	23
15	SHEETAL GOKULDAS LONDHE	8
16	SHIVANI DAMODHAR DONODE	13
17	SHIVANI RAMESH TRIVEDI	6
18	SHWETA RAJESH GUHE	28
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20	SONALI RAMESH GUPTA	16
21	SWARNA SANJAY BOKADE	22
22	TWINKLE PRAKASH TIWARI	12
23	UNNATI AVINASH GUPTA	29
24	VAIDEHI VINOD PALORKAR	7
25	ABHISHEK NANDKISHOR DIYEWAR	13
26	ADITYA ASHOK KHANTE	22
27	ADITYA SUDHIR TELPANDE	22

28	AMAN SURESH KHURANA	23
29	AMARNATH R. SHAHU	5
30	LVS PRASHANTH C. RONGALA	28
31	MOHIT RAJESH BOHRA	13
32	PRAJWAL SANJAY MAKANWAR	7
33	PRITISH KISHOR SARKAR	27
34	PRITISH MADHAV BHONDE	10
35	RAVI AMARJEET MOURYA	27
36	RITIK ANIL VERMA	15
37	RUSHABH ARVIND MANDVEKAR	17
38	RUSHABH MANOHAR AWAJEKAR	14
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46	PARIKSHIT V. MANGRULKAR	5
47	SHEIKH S. S. A. SALAM	22
48	SHRADDHA P. BOKADE	30
49	TRUPTI VINAYAK DESHMUKH	25
50	ZAINAB ASGHAR HUSSAIN	21

Signature of the teacher

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Professor & Head
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S. S. E. S. Am's Science College,
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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2023-2024
Bachelor of Computer Application (B.C.A) (Semester-I)
STATISTICAL METHODS PAPER III
UNIT TEST on Unit III - IV**

[Time: 45 min.]

[Maximum Marks: 30]

UNIT-III

QUE. 1. SOLVE ANY THREE

- a) Define the term dispersion. Explain any two measures of dispersion with their merits and demerits. 5
b) Calculate the mean and standard deviation for the following distribution of 542 members : 5

Age (yrs.)	20–30	30–40	40–50	50–60	60–70	70–80	80–90
No. of Members	3	61	132	153	140	51	2

- c) Define coefficient of skewness with suitable graphical representation. 5
d) Define Kurtosis and explain normal curve, leptokurtic and platykurtic curve. 5

UNIT-IV

QUE. 1. SOLVE ANY THREE

- a) What are the assumptions for Karl Pearson's correlation coefficient ? Explain. 5
b) Following table shows in inches (in) the respective heights X and Y of a sample of 12 fathers and their oldest sons : 5

Height X of father	65	63	67	64	68	62	70	66	68	67	69	71
Height Y of son	68	66	68	65	69	66	68	65	71	67	68	70

Construct a Scatter diagram. 5

- c) Explain any two properties of Regression coefficient. 5
d) Obtain the equations of two lines of regression for the following data. Also obtain the estimate of X for Y = 70 :



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

BCAI Semester-I (2017-18)

Discrete Mathematics-I

Paper-IV

Result of Unit Test held on 07/09/2017 on

Unit I and UNIT II

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Akansha D. Jawade	20
2	Anjali C. Dhongade	10
3	Ankita Sanjay Chambhare	19
4	Apekshasingh Ashok Solanki	13
5	Arpita Hemant Raut	10
6	Arti Paras Bharadwaj	24
7	Divya Sudhir Yadav	17
8	Gayatri Shrikant Urkude	9
9	Hiral Santosh Raikwad	6
10	Janhavi Gajanan Yenurkar	28
11	Jyoti Vinod Shukla	16
12	Kanchan Pradeep Apte	5
13	Krupa Babanrao Mahale	5
14	Krutika Ashwin Limbad	10
15	Krutika Suresh Raut	28
16	Madhavi Naresh Dhande	7
17	Madhura Mukund Pande	28
18	Mrunali Sharad Bokade	21
19	Muskan Sushil Kamwani	27
20	Nehal Manoj Chandarana	15
21	Neha Kishorrao Surve	23
22	Nikita Yashwant Gokhale	22
23	Phalguni C. Khode	23
24	Pinki Dayaram Yadav	29
25	Pooja Bharat Singh	8
26	Pranali Ashok Lichade	28
27	Pratiksha G. Pimpalkar	28
28	Prerna Surendra Negi	19
29	Priyanka Krishna Das	29
30	Puja Shivshankar Yadav	19
31	Radha Dinesh Trivedi	17
32	Ritu Parna Pratap Dubey	19
33	Riya Rajesh Dhapodkar	AB
34	Ruchi Dwarkaprasad Patle	19
35	Sakshi C. Khope	7
36	Sakshi Rajesh Sonkar	25
37	Saroj Pradeep Jangid	28
38	Sayali Annaji Hatwar	12

39	Sejal Prashant Ambatkar	5
40	Sharvari Pradeep Thete	10
41	Shivali Shyam Umbarkar	9
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44	Simranjeet Kaur Gurmeet Singh Matharu	24
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47	Sudhakumari S. Sharma	17
48	Supriya Sunil Thakre	19
49	Sweety Mohan Ladhi	AB
50	Tejaswini Wasudev Balki	13
51	Vaishnavi Jayant Hiwarkar	10
52	Vaishnavi Sunil Bhosale	24
53	Abhishek D. Bhanarkar	14
54	Abhishek Ravindra Lede	16
55	Ajinkya Ravindra Bhise	19
56	Ajinkya Vinay Dange	19
57	Ajinkya Vishwas Dahat	AB
58	Akash Vikas Panday	AB
59	Akshay Rajesh Khobragade	20
60	Akshit Avinash Khobragade	12
61	Anshul Anand Bhange	27
62	Arnav C. Andraskar	23
63	Arpit Deepak Mote	19
64	Ashish Pravin Mehar	18
65	Ayush Arun Jaiswal	17
66	Balkisan Nareshji Paliwal	27
67	Darpan Dipak Gedam	23
68	Dilip Sabhajeet Verma	6
69	Durgeshkumar T. Kolhe	AB
70	Gaurav Krupashankar Tiwari	17
71	Harsh. Gour	27
72	Harshal H. Parshuramkar	13
73	Harshal Kalidas Dhandre	12
74	Krunal Vijay Ninave	23
75	Leeladhar A. Banothe	28
76	Mayank Anupam Barla	21
77	Mayur Rameshwar Khairkar	10
78	Mihir Ravindra Nayak	11
79	Mrinal Jagdish Kamble	24
80	Nageshwar Sawji Dahare	28
81	Navin Shridhar Dhakite	22
82	Nikhil Satish Saujani	27
83	Nimish Deepak Shrimankar	21
84	Nishant Subhash Tapre	AB
85	Pankaj Jiyalal Patle	6
86	Piyush Rajesh Nakshe	17

87	Piyush Singh J. Chawhan	26
88	Prajwal Anil Ambade	15
89	Pranay Gajanan Badkhal	15
90	Pranay Sushil Thakre	22
91	Pranit Ravindra Vinchurkar	11
92	Prasad Ramrao Tale	18
93	Prathamesh Dashrath Atkar	5
94	Pratik Naresh Gurnule	11
95	Pritam Pavitra Das	21
96	Purushottam B Dineshwar	16
97	Purushottam Tukadu Thakre	20
98	Rahul Sudhir Borkar	17
99	Ranjeet Arabindu Karmakar	28
100	Ritesh Gajanan Wagh	24
101	Ritik Sudhir Undirwade	14
102	Rohan Kishor Patinge	25
103	Rohit Ajabrao Deshbhratar	5
104	Rupesh Ashok Kamthe	AB
105	Rushikesh Moreshwar Gophane	26
106	Sagar Sahebrao Meshram	9
107	Sahil Raja Binekar	7
108	Saurabh Ishwar Rajurkar	18
109	Saurabh Raju Patil	12
110	Shubham Narayan Mokaddam	20
111	S. Purushottamprasad Diyundi	16
112	Shubhanshu Manoj Sane	17
113	Sonu Suryabhan Zade	15
114	Suchit Subashish Mukherjee	26
115	Suyog Madhukar Karemore	20
116	Tanmay Manoj Mane	21
117	Utkarsh Pravin Pathak	27
118	V Surya Prakash V Nirmal	10
119	Yash Dattaram Nikhare	16
120	Yash Krishnarao Bade	20



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 2017-2018
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. Define Well-Formed Formula. Write rules to generate Well-Formed Formula. Give any two examples of Well-Formed Formula. 5
2. Construct the truth tables of the following formulae:
(i) $(Q \wedge (P \rightarrow Q)) \rightarrow P$.
(ii) $\neg(P \vee (Q \wedge R)) \Leftrightarrow ((P \vee Q) \wedge (P \vee R))$. 5
3. What is Duality law ? Write the duals of the following:
(i) $(P \vee Q) \wedge R$.
(ii) $\neg(P \vee Q) \wedge (P \vee \neg(Q \wedge \neg S))$. 5
4. Define and give example of the following connectives:
(i) Negation (ii) Conjunction (iii) Disjunction. 5

UNIT- II

QUE. 2. SOLVE ANY THREE

1. Obtain the principal conjunctive Normal form of the formula, given by $(\neg P \rightarrow Q) \wedge (Q \Leftrightarrow P)$. 5
2. Obtain Disjunctive Normal form of :
(i) $P \wedge (P \rightarrow Q)$. (ii) $\neg(P \vee Q) \Leftrightarrow (P \wedge Q)$. 5
3. Obtain the principal disjunctive normal form of :
 $P \rightarrow ((P \rightarrow Q) \wedge \neg(Q \vee \neg P))$. 5
4. Show that the formula: $Q \vee (P \wedge \neg Q) \vee (\neg P \wedge \neg Q)$ is a tautology. 5



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

BCA I Semester-I (2017-18)

Discrete Mathematics-I

Paper-IV

Result of Unit Test held on 09/10/2017 on

Unit III and UNIT IV

Name of the teacher: Dr. Varsha C. Pande

Sr. No.	Name	Marks out of 30
1	Akansha D. Jawade	10
2	Anjali C. Dhongade	7
3	Ankita Sanjay Chambhare	25
4	Apekshasingh Ashok Solanki	27
5	Arpita Hemant Raut	27
6	Arti Paras Bharadwaj	7
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12	Kanchan Pradeep Apte	17
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15	Krutika Suresh Raut	5
16	Madhavi Naresh Dhande	13
17	Madhura Mukund Pande	15
18	Mrunali Sharad Bokade	9
19	Muskan Sushil Kamwani	22
20	Nehal Manoj Chandarana	22
21	Neha Kishorrao Surve	6
22	Nikita Yashwant Gokhale	22
23	Phalguni C. Khode	8
24	Pinki Dayaram Yadav	18
25	Pooja Bharat Singh	7
26	Pranali Ashok Lichade	28
27	Pratiksha G.Pimpalkar	21
28	Prerna Surendra Negi	12
29	Priyanka Krishna Das	16
30	Puja Shivshankar Yadav	14
31	Radha Dinesh Trivedi	18
32	Ritu Parna Pratap Dubey	7
33	Riya Rajesh Dhapodkar	20
34	Ruchi Dwarkaprasad Patle	14
35	Sakshi C. Khope	6
36	Sakshi Rajesh Sonkar	21
37	Saroj Pradeep Jangid	AB
38	Sayali Annaji Hatwar	AB

39	Sejal Prashant Ambatkar	18
40	Sharvari Pradeep Thete	8
41	Shivali Shyam Umbarkar	6
42	Shivani Sameer Kolharkar	27
43	Siddhi Santosh Awale	24
44	Simranjeet Kaur Gurmeet Singh Matharu	13
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54	Abhishek Ravindra Lede	AB
55	Ajinkya Ravindra Bhise	AB
56	Ajinkya Vinay Dange	17
57	Ajinkya Vishwas Dahat	12
58	Akash Vikas Panday	17
59	Akshay Rajesh Khobragade	6
60	Akshit Avinash Khobragade	13
61	Anshul Anand Bhangе	9
62	Arnav C. Andraskar	16
63	Arpit Deepak Mote	21
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65	Ayush Arun Jaiswal	25
66	Balkisan Nareshji Paliwal	26
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71	Harsh Gour	23
72	Harshal H. Parshuramkar	15
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102	Rohan Kishor Patinge	22
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109	Saurabh Raju Patil	20
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114	Suchit Subashish Mukherjee	13
115	Suyog Madhukar Karemore	21
116	Tanmay Manoj Mane	20
117	Utkarsh Pravin Pathak	AB
118	V Surya Prakash V Nirmal	AB
119	Yash Dattaram Nikhare	10
120	Yash Krishnarao Bade	24



Signature of the Teacher



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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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' follows logically from the premises H_1 and H_2 :
(i) $H_1 : P \rightarrow Q$ $H_2 : \neg(P \wedge Q)$ $C : \neg P$
(ii) $H_1 : \neg P$ $H_2 : P \rightleftharpoons Q$ $C : \neg(P \wedge Q)$ 5
2. What are the rules of Inference? Prove that:
 $\neg P \wedge (P \vee Q) \Rightarrow Q.$ 5
3. Show that, $\neg(P \wedge Q)$ follows from $\neg P \wedge \neg Q.$ 5
4. Show that $R \rightarrow S$ can be derived from the premises $P \rightarrow (Q \rightarrow S)$, $\neg R \vee P$ and $Q.$ 5

UNIT- IV

QUE. 2. SOLVE ANY THREE

1. Show that, $(\exists x) M(x)$ follows logically from the premises:
(x) $(H(x) \rightarrow M(x))$ and $(\exists x) H(x)$ 5
2. Define free and bound variables with suitable example. 5
3. Define Universal quantifier and Existential quantifier with suitable example. 5
4. Prove that, $(\exists x) (P(x) \wedge Q(x)) \Rightarrow (\exists x) P(x) \wedge (\exists x) Q(x).$ 5



Signature of the Teacher



Head
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S.S.E.S. Amravati's Science College,
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
BCA I Semester-I (2017-18)
Operating System
Paper-V
Result of Unit Test Held on: 28/08/2017
Unit I and Unit II**

Name of the Teacher: Ms. Puja M. Dadhe

Sr. No.	Name of Student	Marks Out of 30
1	Akansha D. Jawade	16
2	Anjali C. Dhongade	22
3	Ankita Sanjay Chambhare	28
4	Apekshasingh Ashok Solanki	24
5	Arpita Hemant Raut	26
6	Arti Paras Bharadwaj	27
7	Divya Sudhir Yadav	16
8	Gayatri Shrikant Urkude	23
9	Hiral Santosh Raikwad	24
10	Janhavi Gajanan Yenurkar	28
11	Jyoti Vinod Shukla	19
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13	Krupa Babanrao Mahale	14
14	Krutika Ashwin Limbad	18
15	Krutika Suresh Raut	13
16	Madhavi Naresh Dhande	23
17	Madhura Mukund Pande	24
18	Mrunali Sharad Bokade	24
19	Muskan Sushil Kamwani	28
20	Nehal Manoj Chandarana	18
21	Neha Kishorroa Surve	13
22	Nikita Yashwant Gokhale	14
23	Phalguni C. Khode	23
24	Pinki Dayaram Yadav	12
25	Pooja Bharat Singh	21
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28	Prerna Surendra Negi	15
29	Priyanka Krishna Das	15
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36	Sakshi Rajesh Sonkar	26
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78	Mihir Ravindra Nayak	12
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116	Tanmay Manoj Mane	29
117	Utkarsh Pravin Pathak	29
118	V Surya Prakash V Nirmal	26
119	Yash Dattaram Nikhare	14
120	Yash Krishnarao Bade	11



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 2017-2018
Bachelor of computer Application (BCA) (Semester-I)
Paper-IV
Operating System

UNIT TEST

Time: 45 min.]

[Maximum Marks: 30

UNIT-I

- a) Explain *structure of operating system*. (5)
- b) Draw Gantt chart, and find out average *turnaround* time, average *waiting* time of all processes under *FCFS*, *SJF* and *RR* scheduling. (5)

PROCESS	ARRIVAL TIME	BURST TIME
P1	0	5
P2	2	24
P3	4	16
P4	6	10
P5	8	3

- c) Define process. Explain different process states with diagram. (5)
- d) What are the functions of operating system? (5)

UNIT- II

QUE. 2. SOLVE ANY THREE

- a) Explain how deadlocks are *detected* and *recovered*? (5)
- b) What is *Resource Allocation Graph*? Explain. (5)
- OR**
- c) What is deadlock? What are the *necessary conditions* to occur *deadlock*? (5)
- d) Write a note on *deadlock prevention*. (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 (2017-18)
Operating System
Paper-V
Result of Unit Test Held On:10/10/2017
Unit III and UNIT IV**

Name of the teacher: Ms. Puja M. Dadhe

Sr. No.	Name	Marks out of 30
1	Akansha D. Jawade	16
2	Anjali C. Dhongade	22
3	Ankita Sanjay Chambhare	28
4	Apekshasingh Ashok Solanki	24
5	Arpita Hemant Raut	26
6	Arti Paras Bharadwaj	27
7	Divya Sudhir Yadav	16
8	Gayatri Shrikant Urkude	23
9	Hiral Santosh Raikwad	24
10	Janhavi Gajanan Yenurkar	28
11	Jyoti Vinod Shukla	19
12	Kanchan Pradeep Apte	23
13	Krupa Babanrao Mahale	14
14	Krutika Ashwin Limbad	18
15	Krutika Suresh Raut	13
16	Madhavi Naresh Dhande	23
17	Madhura Mukund Pande	24
18	Mrunali Sharad Bokade	24
19	Muskan Sushil Kamwani	28
20	Nehal Manoj Chandarana	18
21	Neha Kishorroa Surve	13
22	Nikita Yashwant Gokhale	14
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Signature of the Teacher




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

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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) 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 |
| (D) What is swapping? Explain swapin and swapout process with well labelled diagram. | 5 |

UNIT-IV

QUE. 2. SOLVE ANY THREE

- | | |
|---|---|
| (A) What is <i>buffering</i> ? Explain <i>single</i> and <i>double</i> buffering? | 5 |
| (B) Write a note on <i>RAID</i> . | 5 |
| (C) What are different <i>file accessing methods</i> available? Explain in brief. | 5 |
| (D) What is <i>digital signature</i> ? Explain with examples. | 5 |



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.**

Bachelor of Computer Application

B.C.A. I Semester-I (2017-18)

Office Automation Paper-VI

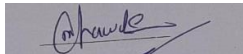
Result of Unit Test held on 12/09/2017 on Unit I & II

Name of the teacher: Manisha Chawale

Sr. NO	Name of the Students	Marks out of 30
1	AKANSHA D. JAWADE	21
2	ANJALI S. DONGRE	14
3	ANJALI C. DHONGADE	24
4	ANKITA S. CHAMBHARE	20
5	APEKSHA A. SOLANKI	15
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95	TANMAY M. MANE	15
96	UDDESH R. KAMBLE	11
97	UTKARSH P. PATHAK	30



Signature of the Teacher



**Head
Department of Computer Science**



**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018**

B.C.A. I Semester-I (2017-18)

Office Automation Paper-IV

UNIT I & UNIT II

[Time: 48 min.]

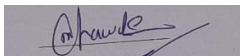
[Maximum Marks: 30]

Que 1] Solve any three questions.

1. What are the advantages and disadvantages of Windows operating system ? [5M]
2. How will you search files and folders in Windows Operating System ? [5M]
3. Give new features of WINDOWS XP over WINDOWS OS.
4. Write short notes on : [5M]
(i) Recycle Bin (ii) GUI.

Que 2. Solve any three

1. Explain any two document formatting operations. [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. Write a procedure to create a table in Word. [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 (2017-18)
Office Automation Paper-VI**

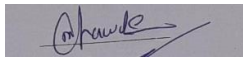
Result of Unit Test held on 25/11/2017 on Unit III & IV

Name of the teacher: Manisha Chawale

Sr. NO	Name of the Students	Marks out of 30
1	AKANSHA D. JAWADE	21
2	ANJALI S. DONGRE	14
3	ANJALI C. DHONGADE	24
4	ANKITA S. CHAMBHARE	20
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Academic Session 2017-2018
B.C.A. I Semester-I (2017-2018)
Office Automation Paper-VI
UNIT III & UNIT IV**

[Time: 48 min.]
30]

[Maximum Marks:

Que 1] Solve any three questions.

[10M]

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

[5M]

[5M]

2. Give the use of following MS-Excel functions :

(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]

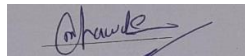
2. Explain auto-context wizard in detail.

[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]



Signature of the Teacher



**Head
Department of Computer Science**



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