

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

Academic Session 2020-2021

Bachelor of Science (B. Sc.) (Semester-IV)

COMPUTER SCIENCE Paper-I –Java Programming

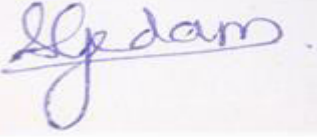
UNIT TEST on Unit I and II

Time: 45 min.]


[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. Explain the following features of Java : 5
 - (i) Platform independent and portable.
 - (ii) Robust and Secure.
- Or
2. Write an application program to convert the given Fahrenheit temperatures to the corresponding Centigrade temperature ($C = (F-32)/1.8$). 5
3. Explain the different types of operators in Java. 5
- Or
4. Explain the structure of a Java Program. 5
5. Write a program in Java to demonstrate Constructor Overloading. 5
- Or
6. Differentiate between method overloading and method overriding. 5
7. Write a program in Java to demonstrate single inheritance. 5
- Or
8. Write a program in Java to find the reverse of digits of given integer number. 5



Signature of Teacher



Head of Department
Professor & Head
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Bachelor of Science (B. Sc.) (Semester-IV)

COMPUTER SCIENCE Paper-I Java Programming

UNIT TEST MARKS OUT OF 20

Name of Teacher: Dr. S. R. Gedam

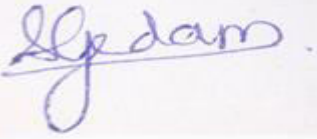
Date:13/03/2021

S.N.	Name of Student	Paper I Test Based on Unit I and II
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2	Abhinav D Kawale	A
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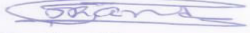
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Academic Session 2020-2021

Bachelor of Science (B. Sc.) (Semester-IV)

COMPUTER SCIENCE Paper-I Java Programming

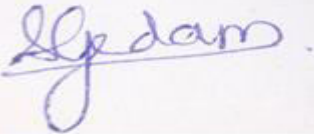
UNIT TEST on Unit III and IV

Time: 45 min.]

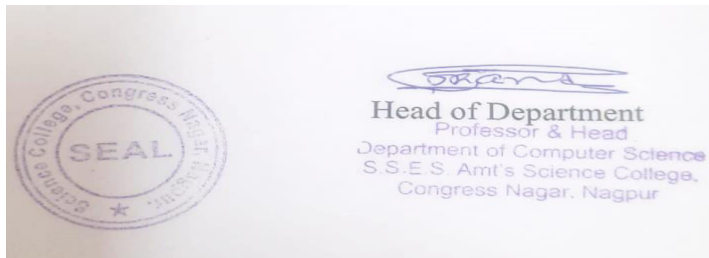
[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. What is Event Delegation Model ? What are its basic components ? 5
Or
2. Explain Layout Managers. 5
3. List the different situations in which 'Action Event' is generated. 5
Or
4. Write a syntax and example of following graphics class methods : 5
(i) drawOval ()
(ii) drawPolygon ().
5. Explain Multithreading. How Java implements its thread model ? 5
Or
6. Write the syntax of applet tag. Briefly explain its constituent. 5
7. Write an applet that receives three numeric values as input from the user and then displays the largest of the three on the screen. 5
Or
8. What is a Package ? How will you create user defined package in Java ? 5



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COMPUTER SCIENCE Paper-I –Java Programming

UNIT TEST MARKS OUT OF 20

Name of Teacher: Dr. S. R. Gedam

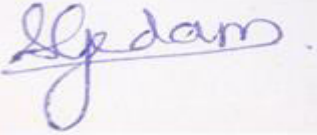
Date:15/04/2021

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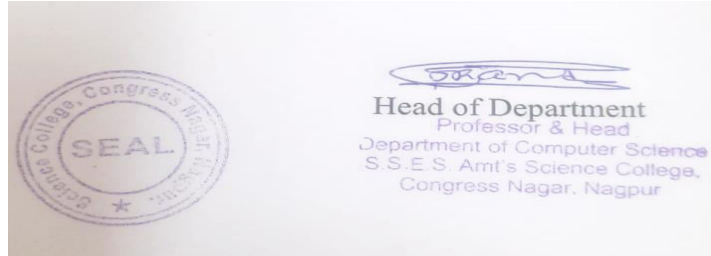
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Bachelor of Science (B. Sc.) (Semester-IV)

COMPUTER SCIENCE Paper-II Linux Operating System


UNIT TEST on Unit I and II


Time: 45 min.]

[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. List Directory Structure of Linux Operating System. Give purpose of each directory in it. 5
Or
2. Give syntax, purpose and one example of following commands : 5
 - (i) ls
 - (ii) mkdir
 - (iii) stat
 - (iv) mv
 - (v) cp
3. (c) What is Shell ? List various shells available in Linux and explain any two. 5
Or
4. (d) Explain following types of file in Linux : 5
 - (i) User data files
 - (ii) System data files
 - (iii) System files.
5. Explain vi editor in brief. 5
Or
6. Why backup is needed ? Explain tar command. 5
7. Explain gzip and gunzip command. 5
Or
8. Write steps to format floppy disk in Linux Operating System. 5


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Academic Session 2020-2021

Bachelor of Science (B. Sc.) (Semester-IV)

COMPUTER SCIENCE Paper-II - Linux Operating System

UNIT TEST MARKS OUT OF 20

Name of Teacher:Dr. R. N. Jugele


Date:16/03/2021

S.N.	Name of Student	Paper II Test Based on Unit I And II
1	Aditya M. Bansule	7
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COMPUTER SCIENCE Paper-II - Linux Operating System


UNIT TEST on Unit III and IV



Time: 45 min.]

[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. Discuss top utility in Linux. 5
Or
2. Write octal permission for following : 5
 - (i) read, write and execute for owner, group and others (i.e. all)
 - (ii) execute to all
 - (iii) read and write to all
 - (iv) write to all
 - (v) read and execute to all.
3. Give syntax purpose and example of following commands : 5
 - (i) Chown
 - (ii) Chgrp.Or
4. What is PID ? Discuss PS Command in brief. 5
5. Explain KDE Desktop Environment. 5
Or
6. What do you mean by communication utility ? Explain write and wall commands. 5
7. Discuss strategies which can be implemented to create more space on Hard Disk. 5
Or
8. What is X windows system ? Explain how it works.


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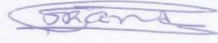

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106	Vaishnavi V Wahile	8
107	Vaishnavi Wadskar	11
108	Vanshika S Naik	17
109	Vedant M Vaidya	15

110	Vicky D Songende	14
111	Vikas A Rajput	16
112	Vinita N Kadu	20
113	Vrijwal Tayade	A
114	Kanchan Gondane	12
115	Siddarth Chandurkar	20



Signature of Teacher



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