



QP CODE: 22103659



Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS

NOVEMBER 2022

Fifth Semester

CORE COURSE - CS5CRT14 - JAVA PROGRAMMING USING LINUX

Common to B.Sc Computer Applications Model III Triple Main, B.Sc Computer Science Model III,
B.Sc Information Technology Model III & Bachelor of Computer Application

2017 Admission Onwards

983E03D5

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. List out the primitive datatypes used in Java.
2. List out the different branching statements used in Java.
3. Define a class.
4. Why multiple inheritance is not supported in Java?
5. What is an abstract class?
6. What are the methods in String class?
7. List down the Java API packages.
8. Define Delegation Event Model.
9. What are the differences between JTextField and JTextArea?
10. Define Null Layout.
11. Differentiate between drawRect() and fillRect() methods.
12. What is JDBC Driver? List various JDBC drivers.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain different types of literals with example.
14. Explain looping statements with example.
15. Write a note on constructors.
16. Discuss final methods in detail with an example.
17. What is an array and explain types of arrays with examples?
18. Explain throw, throws & finally with an example.
19. Write shortnote on (a) JRadioButton (b) JCheckBox.
20. Discuss the steps involved in the development and running a local applet.
21. How parameters can be passed to applet using tags?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the features of Java.
23. What is method overloading? Write a Java program to implement the method overloading mechanism.
24. What is multithreading? Describe the 2 ways in which a thread can be created in Java.
25. Explain JLabel and JButton with the help real world example.

(2×15=30)

