



QP CODE: 22102063



22102063

Reg No :

Name :

B.Sc DEGREE (CBCS) SPECIAL SUPPLEMENTARY EXAMINATIONS, MAY 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

2019 Admission Only

98A6FBC1

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. List out the different branching statements used in Java.
2. Analyse the use of labelled loop.
3. Define classes and objects.
4. How will you access class members using objects?
5. What is static members?
6. What are the methods in String class?
7. What is multi threading?
8. Define an Event Listener.
9. What are the differences between JTextField and JTextArea?
10. Differentiate between Flow layout and Border layout.
11. Write structure of Java applet program.
12. What is JDBC ResultSet?

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. Is Java platform independent and robust language? Justify your answer
14. Explain relational and logical operators in Java with examples.
15. Discuss final methods in detail with an example.
16. What is an abstract class? Give example.
17. What is a Package? Differentiate between Java API packages & user defined packages.
18. Explain the purpose of try and catch with syntax & examples
19. Substantiate JButton and JLabel with examples.
20. How to pass parameters to an applet? Explain with Example.
21. Write an applet that receives three numeric values as input from the user and display the largest.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Define token of a language. Explain the different tokens used in Java.
23. What is constructor overloading? Write a Java program to implement the constructor overloading mechanism.
24. a) Differentiate between one-dimensional, two-dimensional arrays with appropriate syntax & examples b) Write a Java program to sort numbers & sort names in 2 different arrays.
25. Differentiate between the following (a) JCheckBox and JRadioButton (b) JList and JComboBox

(2×15=30)

