

TB244819P

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2022 ADMISSIONS REGULAR

SEMESTER IV - B. Voc. Software Development SKILL

VSD4S05B18 - Programming in Java

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Write the value after performing the shift operation `int a=32; a=a>>2;`
2. Explain Nested If Statement.
3. How break keyword can be used in place of goto?
4. Explain Super class and Subclass.
5. Explain Multilevel Inheritance .
6. What is call by value and call by reference?
7. What is Runtime Exception?
8. Explain subclasses of Exception class.
9. What is Component in a Swing?
10. Explain JCheckBox .
11. What is JDBC Driver?
12. How will you initialize an applet?

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Describe left shift and right shift operator.
14. Explain parameterised constructors in Java.
15. Why java does not support multiple inheritance?
16. Differentiate between interface and class
17. What is interface? Explain Syntax of interface and need of interface.
18. Discuss any 2 Event Listener Interface in Java.
19. Explain AWT Event Hierarchy.
20. Write applet code for each graphics method a) `drawOval()` b) `drawRect()` c) `drawLine()`.
21. Explain basic steps in writing java program using JDBC.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Discuss different control structures in java.
23. Explain how java handles exception. What are different exception handling keywords in java.
24. Discuss delegation event model in java with program illustration.
25. Explain different JDBC drivers in Java.

