

TB245736N

Reg. No : .....

Name : .....

**BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024**  
**2022 ADMISSIONS REGULAR**  
**SEMESTER V - CORE COURSE (COMPUTER APPLICATIONS )**  
**CA5B10B18 - Java Programming Using Linux**

**Time : 3 Hours**

**Maximum Marks : 80**

**Part A**

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

**(10x2=20)**

1. List difference between java and C++.
2. Discuss lexical issue in Java.
3. Explain Command Line Arguments in java.
4. What is call by value and call by reference?
5. List any 4 packages in java language.
6. What is final variable? Explain with a sample code.
7. What is finally?
8. Explain Thread Priorities.
9. What is a JButton in Swing?
10. What is Swing?
11. Explain Stored Procedure.
12. `public abstract void drawLine(int x1, int y1, int x2, int y2);` . Explain the use of this declaration

**Part B**

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

**(6x5=30)**

13. Describe left shift and right shift operator.
14. What are restrictions on static methods?
15. Differentiate between Abstract Class and Interface.
16. Explain use of throws in Exception.
17. Discuss Access Protection in packages.
18. Differentiate between AWT and Swing.
19. Discuss Key Event Class and its methods
20. Write code snippet for each graphics method a) `drawOval()` b) `drawRect()` c) `drawLine()`.
21. What is a layout manager in Swing? Why is it important?

**Part C**

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

**(2x15=30)**

22. Explain all buzz words in java. Sketch architecture of Java Compiler.
23. Explain 2 ways of implementing Thread in java.
24. Design a java program to create login form using JAVA SWING Components? Explain Label, Button And Text Field Controls in JAVA SWING
25. Explain different JDBC drivers in Java.