

**BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2025****2019, 2020, 2021, 2022 ADMISSIONS SUPPLEMENTARY****B.VOC S.W.D SEMESTER IV - 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. Why main() method in java is declared as static?
2. What are different separators in java?
3. Write the syntax of for...loop.
4. Explain inner class in java.
5. What is a finalize () method?
6. Explain Multilevel Inheritance .
7. Explain the difference between length() and capacity() in String.
8. Differentiate between Process and Thread.
9. Explain JList.
10. Explain JCheckBox .
11. Explain drawLine().
12. When does the result of an SQL statement return NULL?

**Part B****II. Answer any Six questions. Each question carries 5 marks****(6x5=30)**

13. Write note on:- a) Increment and decrement operator b) Type Conversion
14. Differentiate between Abstract Class and Interface.
15. Explain Instance variable and method.
16. Differentiate final, finally and finalize.
17. Differentiate between Interface and class
18. What are different types of Resultset?
19. Differentiate between AWT and Swing.
20. With a program code explain Applet.
21. Explain Applet Life cycle with E.g.

**Part C****III. Answer any Two questions. Each question carries 15 marks****(2x15=30)**

22. Discuss different iterative and jump statements in java.
23. Explain how java handles exception. What are different exception handling keywords in java.
24. Explain a) Events ,Event Source, Event Class ,Event Listener b) Explain Action Event and its associated components.
25. Explain Applet Life cycle in java with methods.