

22U573

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Name:

Reg.No:

FIFTH SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U BCS5 B08 / CC19U BCA5 B08 - JAVA PROGRAMMING

(Computer Science / Computer Application - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Differentiate Procedural and Object Oriented programming.
2. Differentiate between JVM and JDK.
3. What is the return type of Constructors?
4. Differentiate between byte oriented and character oriented streams.
5. What is the difference between thread and process?
6. What are the different thread states?
7. What is Exception? Give any two examples.
8. Define JDBC driver.
9. What is Statement interface?
10. Define the term applet.
11. Write function in java to draw a line.
12. What are the different controls in AWT?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Explain the features of Object Orientation.
14. Explain the syntax of switch.
15. Explain interfaces in Java.
16. Explain the significance of multiple catch and nested try.
17. Explain different types of JDBC drivers.

18. Write short note on delegation event model.

19. Explain the Structure of the AWT.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Describe the concept of polymorphism in Java with example.

21. Write a java program to find the sum of two complex numbers by passing object as a parameter to a function.

(1 × 10 = 10 Marks)
