

**19U569**

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Name: .....

Reg.No: .....

**FIFTH SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2021**

(CBCSS - UG)

**CC19U BCS5 B08/CC19U BCA5 B08 - JAVA PROGRAMMING**

(Computer Science/Computer Application - Core Course)

(2019 Admission - Regular)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

**Part A** (Short answer questions)

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

1. What is Encapsulation?
2. What are the features of object orientation?
3. What do you mean by bytecode in Java?
4. What is the purpose of continue statement in Java?
5. What is the use of “this” keyword in Java?
6. What is dynamic method dispatch?
7. What is the purpose of I/O streams in Java?
8. Write a short note on thread state.
9. What is Exception? Give any two examples.
10. What are the Exception handling key words in Java?
11. Define JDBC driver.
12. What you meant by AWT?

**(Ceiling: 20 Marks)**

**Part B** (Short essay questions - Paragraph)

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

13. Explain OOPs in detail.
14. Write a note on JDBC.
15. Short note on JDBC statements.
16. Write a detailed note on applet and applet skelton.
17. Explain various event classes and event listener interfaces in Java.
18. Explain various AWT controls.
19. Define:      (a) Checkbox                      (b)TextArea                      (c) Button

**(Ceiling: 30 Marks)**

**Part C** (Essay questions)

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

20. Explain call by value and call by reference parameter passing mechanisms with examples for each.
21. Explain how to create child threads in Java.

**(1 × 10 = 10 Marks)**

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