

D 130206

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Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—U.G.) DEGREE EXAMINATION
NOVEMBER 2025**

Information Technology

BIT 5B 10—JAVA PROGRAMMING

(2019 Syllabus)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type Questions)*Each correct answer carries a maximum of 2 marks, Ceiling 20 marks.*

1. “Write Once and Run Anywhere”—Support this statement with proper reasoning.
2. What is meant by type casting ?
3. Explain about the final keyword.
4. Explain about string literals.
5. What is the use of Math class ?
6. Explain the difference between thread class and runnable interface.
7. Give an example to illustrate the use of parseIntO method ?
8. Differentiate between array and vector with examples.
9. What is meant by DML query ?
10. What is meant by ResultSetMetaData ?
11. Explain about the structure of AWT ?
12. Explain about container ?

Turn over

Section B (Ceiling 30 Marks)*Each question carries 5 marks.*

13. Why constructors does not have any return type ? Explain it with proper example.
14. Explain the jumping statement in java.
15. Write a short note about Dynamic method Despatch.
16. Explain about JDBC connectivity model.
17. Explain about Internet Address.
18. Explain procedure to handle mouse events in Java with an example program.
19. Explain the applet Skeleton ?

Section C (10 marks)*Answer any **one** question.*

20. Explain thread life cycle and thread creation in Java.
21. Explain any *four* AWT controls in java with suitable examples.