**K25U 3031**
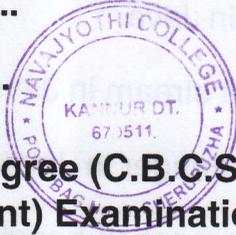
## III Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Supplementary/ Improvement) Examination, November 2025
### (2019 to 2023 Admissions)
### Core Course
### 3B07BCA : JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 40

## PART – A
### (Short Answer)

Answer **all** questions.

(6×1=6)

1. What do you mean by bytecode ?

2. Mention the use of interfaces in Java.

3. What do you mean by wrapper classes ?

4. Write the syntax of try ... catch ... finally statement in Java.

5. List any two methods of graphics class in Java.

6. Write the purpose of getParameter() method in Java.

## PART – B
### (Short Essay)

Answer **any 6** questions.

(6×2=12)

7. Write a Java program implement inheritance.

8. Mention any four features of Java programming language.

9. Differentiate throw and throws keywords in Java.

10. What do you mean by method overloading ?

P.T.O.

11. Write short note on constructors in Java.

12. Mention the purpose of file output stream in Java.

13. Write short note on flow layout manager in Java.

14. Mention any two advantages of exception handling.

## PART – C

### (Essay)

Answer **any 4** questions.

(4×3=12)

15. Briefly explain StringBuffer class in Java.

16. Write a Java program to implement method overriding.

17. Explain how to implement threads in java using runnable interface.

18. Write short note on applet tag.

19. Explain any two AWT controls in Java.

20. Explain various access modifiers in Java.

## PART – D

### (Long Essay)

Answer **any 2** questions.

(2×5=10)

21. Describe various functions of String class in Java with suitable examples.

22. Explain the concept of packages in Java with suitable example.

23. Explain applet life cycle in Java.

24. Briefly explain any five event listeners in Java.

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