



K24U 3538

Reg. No. :

Name :

**III Semester B.C.A. Degree (C.B.C.S.S. – O.B.E.-Regular/Supplementary/
Improvement) Examination, November 2024
(2019 to 2023 Admissions)
Core Course
3B07BCA : JAVA PROGRAMING**

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

Answer **all** questions.

(6×1=6)

1. What do you mean by JVM ?
2. Mention any two properties of a constructor.
3. What do you mean by exceptions ?
4. Write the syntax of applet tag.
5. Expand the term AWT.
6. List out various any four event listeners in Java.

**PART – B
(Short Essay)**

Answer **any 6** questions.

(6×2=12)

7. Write a Java program to add two complex numbers using object and class.
8. Mention any four methods of StringBuffer class in Java.
9. Explain how to create a child thread by inheriting Thread class.

P.T.O.



10. What do you mean by method overriding ?
11. Write syntax to declare a user defined class in Java.
12. Mention the purpose of File Input Stream in Java.
13. Write short note on delegation event model.
14. Write short note on Thread life cycle in Java.

PART - C
(Essay)

Answer **any 4** questions.

(4×3=12)

15. Briefly explain string class in Java.
16. Write a Java program to implement applet life cycle.
17. Write short note on thread priorities.
18. Short note on random access file.
19. Write short note on Graphics class.
20. Explain the concept of interfaces in Java with suitable example.

PART - D
(Long Essay)

Answer **any 2** questions.

(2×5=10)

21. Describe various features of Java programming language.
22. Explain try...catch...finally statement in Java with a suitable example.
23. Explain RadioButton and Choice class in Java.
24. Briefly explain any two layout managers in Java