



K24U 2723

Reg. No. :

Name :

**V Semester B.Sc. Degree (C.B.C.S.S.– O.B.E. – Regular/Supplementary/
Improvement) Examination, November 2024
(2019 to 2022 Admissions)
CORE COURSE IN COMPUTER SCIENCE
5B09CSC : JAVA Programming**

Time : 3 Hours

Max. Marks : 40

PART – A (Short Answer)

Answer **all** questions :

(6×1=6)

1. What is a class ?
2. Why is Java considered to be a simple language ?
3. What does the new operator do ?
4. What is a main thread ?
5. What is an Applet ?
6. What is a panel in AWT ?

PART – B (Short Essay)

Answer **any 6** questions :

(6×2=12)

7. Which are the OOP Principles ?
8. Which are the Arithmetic Assignment Operators in Java ?
9. What is meant by a protected variable ?
10. What is an Interface ?
11. What is the task of main method in Java ?
12. What is the difference between a class and an Interface ?

P.T.O.



13. Which methods are used to stop a thread ?
14. What is a constructor ? What are its special properties ?

PART – C (Essay)

Answer **any 4** questions :

(4×3=12)

15. Explain the scope and lifetime of variables in Java.
16. How to create a 1D array in Java ?
17. Explain the purpose of the finally block.
18. How to create Thread in Java ?
19. Write a note on different AWT controls available.
20. Discuss the different levels of access protection available in Java.

PART – D (Long Essay)

Answer **any 2** questions :

(2×5=10)

21. What is meant by Garbage Collection ? Explain the finalize() method with an example.
 22. Explain the concept of method overriding with an example.
 23. What is Exception handling ? Explain in detail about the usage of Multiple catch clauses.
 24. What is an Applet ? Explain the methods implemented by an Applet.
-