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Group - B

Answer any ***four*** questions. 5×4=20

9. Explain each word of the statement 'public static void main (string args[ ])'.

10. What is Java applet? How is it different from Java application program? 2+3

11. What do you mean by inheritance? Explain, how multiple inheritance can be implemented using interface in Java. Give suitable example. 2+3

12. Differentiate between Method-overloading and Method-overriding, with the help of a suitable example.

13. What is an interface? Differentiate between interface and abstract class. 2+3

14. What is polymorphism? Explain different types of polymorphism. 2+3

Group - C

Answer any ***one*** question. 10×1=10

15. (a) What are threads?

    (b) Briefly discuss the life cycle of a thread. 2+8

16. (a) Write down the features of OOPS language.

    (b) Briefly explain different types of access specifier with examples. 4+6

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2024

2nd Semester Examination

COMPUTER SCIENCE (Honours)

Paper : C 3-T

(Programming in Java)

[CBCS]

Full Marks : 40 Time : Two Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

Group - A

Answer any ***five*** questions. 2×5=10

1. Why is Java called platform independent?

2. What is the role of JVM (Java Virtual Machine)?

3. What is 'final' keyword?

4. What is JDBC?

5. What is an abstract class?

6. Differentiate between 'throw' and 'throws'.

7. What is constructor?

8. Why you use package in Java?

P.T.O.