C

Reg. No. : | | | | | | | | | |

Duration: Three hours   Maximum: 100 Marks

Answer ALL Questions

PART A - (5x 1 = 5 Marks)

1. The JDK command to compile a class is the file Test.java is: CO1- R

    (a) java Test   (b) javacTest.java   (c) javac Test   (d) java Test.javac

2. Which of this keyword must be used to inherit a class?   CO2- R

    (a) Super   (b) this   (c) extent   (d) extends

3. Which of these is used to perform all input & output operations in Java?   CO3- R

    (a) Streams   (b) Variables   (c) Classes   (d) Methods

4. Which of the following is correct way of implementing an interface   CO4- R
    salary by class manager?

    (a) Class manager extends salary {}   (b) Class manager implements salary {}

    (c) Class manager imports salary {}   (d) None of the mentioned

5. Is there any error in the given java statement?   CO5- R
    char [] string = "abcdef";

    (a) Yes   (b) no   (c) error   (d) full

PART – B (5 x 3= 15 Marks)

6. Name any three advantages of Java.   CO1-U

7. Explain method overriding with example program.   CO2- R

8.	What are built in streams?	CO3- R
9.	What is an event handler in swing?	CO4- R
10.	Give the list of Java Object class methods.	CO5- U

PART – C (5 x 16= 80Marks)

11. (a) Explain the Primitive types in detail.   CO1- U   (16)

Or

(b) Describe the concepts of Data types and operators.   CO1- Ana   (16)

12. (a) Classify and compare inheritance with example.   CO2- Ana   (16)

Or

(b) List the different contexts in which the final keyword is used in Java program.   CO2- Ana   (16)

13. (a) Discuss briefly the concept of Exception handling.   CO3- Ana   (16)

Or

(b) Explain the concepts of throws with example.   CO3- U   (16)

14. (a) Briefly explain the layout managers with example.   CO4- Ana   (16)

Or

(b) Develop an Online Exam Project in Java Swing without database.   CO4- Ana   (16)

15. (a) Explain Date and Time methods in Java.util.Class with example.   CO5- U   (16)

Or

(b) Explain the following: Auto Boxing, Type Wrappers, Math Class, Sting Buffer Class with suitable example   CO5-U   (16)

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