CSE / CYS 212 (R-22)

Total No. of Questions : 10] [Total No.of Pages : 02

II/IV B. Tech. DEGREE EXAMINATIONS, AUGUST - 2024

First Semester

CSE / CYS

JAVA PROGRAMMING

Time : **Three Hours** Maximum : **70** Marks

Answer ONE Question from each Unit. 5x14=70 M

All Questions carry equal marks.

UNIT - I

1. a) What is a constructor ? What is its requirement in programming ? Explain with program.

   b) Discuss the advantage of this keyword with an example Java program.

(OR)

2. a) Explain the syntax of various Loop control statements in Java.

   b) Write about class, object, methods with an example.

UNIT - II

3. a) Explain about Anonymous inner classes with an example.

   b) What is the significance of the CLASSPATH environment variable in creating or using a package ?

(OR)

4. a) Explain about method overloading with an example.

   b) Explain about importing package with an example.

UNIT - III

5. a) List and explain the blocks of Exception handling with examples.

   b) Difference between multiple processes and multiple threads.

(OR)

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6. a) Demonstrate Checked exceptions with an example Java program.

   b) Explain about Thread life cycle with neat diagram.

UNIT - IV

7. a) Explain about Hash table with an example.

   b) Explain about binary input / output with an example.

(OR)

8. Explain about File management using file class with an example.

UNIT - V

9. Explain the following terms with example.

   (i) Frame.

   (ii) JApplet.

   (iii) JDialog.

   (iv) JPanel.

(OR)

10. Explain about different components of swings in Java.