AM/DS 224 (R-22)

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

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

Second Semester

AM / DS

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 are the drawbacks of procedural languages ? Explain the need of object oriented programming with suitable 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) Explain about Building string 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 re-throwing exception with an example.

   b) Explain about classification of exception.

UNIT - III

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

   b) Difference between multiple processes and multiple threads.

P.T.O.

(OR)

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 String Tokenizer with an example.

   b) Explain about Text input and output.

(OR)

8. Explain about Random access file operations with an example.

UNIT - V

9. a) Explain about the components and containers of AWT.

   b) Explain about relationship between Event sources and Listeners.

(OR)

10. How to create menus and menu bars using AWT ? Explain with examples.