SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions.   (2x8=16)

Q.23 What is Object Oriented Programming? Explain its features.   (CO1)

Q.24 Explain exception handling techniques in Java with suitable program.   (CO3)

Q.25 How do you create and execute user-defined thread in Java. Explain with example.   (CO4)

3rd Sem / Artificial Intelligence & Machine Learning
Subject : JAVA Technologies

Time : 3 Hrs.   M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory   (6x1=6)

Q.1 Java is a _____ programming language   (CO1)

   a)   Procedure oriented   b)   Object Oriented

   c)   Both (a) and (b)   d)   None of the above

Q.2 Java was developed at _____   (CO2)

   a)   NASA   b)   Siemens

   c)   AT&T   d)   Sun Microsystem

Q.3 Java does not support _____ inheritance? (CO3)

   a)   Multiple   b)   Multilevel

   c)   Single   d)   None of the above

Q.4 Which of the following has a smallest package in Java (CO4)

   a) java,util   b) java.io

   c) java.applet   d) None of the above

Q.5 Which of the following is a superclass of every class in Java? (CO3)

   a) Array   b) Object

   c) String   d) None of the above

Q.6 Which of the following is a Java feature? (CO1)

   a) Multithreading   b) Robust

   c) Platform independent d) All of the above

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Java is both compiled and interpreted programming language. (True/False) (CO1)

Q.8 JRE stands for_____ (CO2)

Q.9 Name two logical operators in Java. (CO1)

Q.10 Define a child (derived) class in java. (CO3)

Q.11 Define an abstract class. (CO3)

Q.12 Define Applet. (CO4)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 How Java is different from C and C++? (CO1)

Q.14 Explain different data types if-statements in Java. (CO1)

Q.15 Write a program to display first 200 odd numbers in Java language. (CO2)

Q.16 Explain methods over riding in Java. (CO3)

Q.17 How do you implement multilevel inheritance in Java? (CO3)

Q.18 Explain overloaded constructors in Java? (CO1)

Q.19 How do you use String in Java? (CO1)

Q.20 Write down the steps for creating user thread in Java applet. (CO4)

Q.21 Explain different types of thread methods available in Java. (CO4)

Q.22 Explain applet viewer in Java. (CO4)