SECTION-D

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

Q.23 Explain various features of JAVA. (CO-1)

Q.24 Explain different types of decision making statements in Java with example. (CO-2)

Q.25 How exceptions are handled in Java? Explain with example. (CO-2)

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 The wrapping up of data and functions into a single unit is called (CO-1)

a) Encapsulation b) Abstraction

c) Data Hiding d) Polymorphism

Q.2 In which year Java was developed (CO-2)

a) 1972 b) 1986

c) 1995 d) 2001

Q.3 Which of the following is not a Java features? (CO-1)

a) Multi threaded b) Portable

c) Use of Pointers d) Object Oriented

Q.4   Every statement in Java language should end with a
_____ .   (CO-2)

   a)   Dot   b)   Comma

   c)   Colon   d)   Semicolon

Q.5   Which of the following is a superclass of every class
      of Java?   (CO-3)

   a)   Array   b)   Object

   c)   String   d)   None of the above

Q.6   Which of the following is not an access modifier in
      Java?   (CO-3)

   a)   Public   b)   Protected

   c)   Void   d)   Public

SECTION-B

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

Q.7   Java is an object oriented language. (True/False)
                                                     (CO-1)

Q.8   JVM stands for _____ .   (CO-2)

Q.9   Name two relational operators in Java.   (CO-1)

Q.10 Define inheritance.   (CO-3)

Q.11 Define constructor.   (CO-3)

Q.12 Define Applet.   (CO-4)

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?   (CO-1)

Q.14 Explain different data types available in Java.
                                                     (CO-1)

Q.15 Write a program to display first 100 even numbers in
      Java language.   (CO-2)

Q.16 Explain method overloading in Java.   (CO-3)

Q.17 How do you implement multiple inheritance in Java?
                                                     (CO-3)

Q.18 Explain default constructor in Java.   (CO-3)

Q.19 Define Array. How do you declare an array in Java?
                                                     (CO-1)

Q.20 Write down the steps for creating and executing a
      java applet.   (CO-4)

Q.21 Explain the term thread priority.   (CO-4)

Q.22 Explain for loop statement with example.   (CO-1)