

SECTION-D

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

- Q.23 Explain different types of operators available in Java. (CO1)
- Q.24 How do you implement polymorphism in Java? Explain with a programming example. (CO2)
- Q.25 How do you build an applet in Java? Explain applet life cycle. (CO3)

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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 JDK stands for (CO1)
- a) Java Development Kit
 - b) Java Design Kit
 - c) Just Development Kit
 - d) None of the above
- Q.2 Java was developed at (CO1)
- a) AT & T Bells
 - b) Dell
 - c) Microsoft
 - d) Sun Microsystem
- Q.3 The wrapping of data and functions (methods) into a single unit is called: (CO3)
- a) Inheritance
 - b) Encapsulation
 - c) Data hiding
 - d) Polymorphism

- Q.4 What is the entry point of a program in Java? (Co2)
 a) Main () method b) The first line of code
 c) Last line of code d) main class
- Q.5 Which of the following is/are thread control method (s)? (CO4)
 a) wait b) notify
 c) join d) All of the above
- Q.6 The >> is a operator (CO1)
 a) Arithmetic b) Relational
 c) Bitwise d) Logical

SECTION-B

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

- Q.7 JVM stands for_____ (CO1)
- Q.8 Java supports the goto statement. (True/False) (CO1)
- Q.9 A constructor is called automatically when an object is created. (True/False) (CO2)
- Q.10 Define child class. (CO2)

- Q.11 An abstract class can be instantiated. (True/False) (CO3)
- Q.12 Define multithreading. (CO4)

SECTION-C

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

- Q.13 Why Java is an internet programming language? (CO1)
- Q.14 Explain method overriding in Java. (CO3)
- Q.15 Write a program to find whether a given year is leap year or not in Java. (CO1)
- Q.16 Explain any three access specifiers used in Java. (CO2)
- Q.17 Differentiate interface and abstract class. (CO3)
- Q.18 Explain try-catch statements in Java. (CO4)
- Q.19 How do you handle an exception in Java? (CO4)
- Q.20 Differentiate abstract class and interface in Java? (CO3)
- Q.21 Explain applet viewer in Java. (CO4)
- Q.22 Explain multilevel inheritance in Java? (CO3)