OBJECT ORIENTED CONCEPTS

Duration: 2 hrs   Marks: 50

Q I) A. Distinguish between the following terms: (02*03=06)
    1. Class and Interface
    2. Procedure Oriented Programming and Object Oriented Programming

  B. Define the following terms: (04*01=04)
    1. Polymorphism   2. Inheritance
    3. Data Abstraction   4. Objects

QII) Answer the following:
    1. What are Java Tokens? State different Types of Java Tokens   (2)
    2. Which are the various types of Java Variables?   (3)
    3. Explain Single Inheritance in Java with an example.   (5)

QIII) Answer the following:
    1. What is Private access in Java?   (2)
    2. What are Constructors? State and Explain types of Constructors   (3)
    3. Explain Method Overloading with a Java code example.   (5)

QIV) Answer the following:
    1. Write a short note on Method Overriding in Java.   (2)
    2. State and explain the types of error which occurs in Java programs. (3)
    3. Explain Exception Handling in Java with an Example   (5)

QV) Answer the following:
    1. What is the difference between Applet and Standalone Application? (2)
    2. Explain briefly types of Stream Classes in Java   (3)
    3. Explain the Applet Life Cycle with the help of a diagram   (5)

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