OBJECT ORIENTED CONCEPTS

Duration: 2 hrs   Marks: 50

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

   B. Define the following terms: (04*01=04)
    1. Encapsulation   2. Data Hiding
    3. Classes   4. Objects

QII) Answer the following:
    1. What are the benefits of Object Oriented Programming?   =
(2)
    2. Which are the various types of Java Operators?   (3)
    3. Explain Hierarchical Inheritance in Java with an example.   (5)

QIII) Answer the following:
    1. What is Public access in Java?   (2)
    2. What are Static variables and Static Members? Explain with example   (3)
    3. Explain Operator overloading with a Java code example.   (5)

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

QV) Answer the following:
    1. Explain briefly types of Stream Classes in Java   (2)
    2. What are Applets? Explain different types of Applets   (3)
    3. Explain with and example how to manage input and output to files using
    Java.   (5)

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