December 2006

Bachelor of Computer Application (BCA) Examination
V Semester

Introduction To Java

Time : 3 Hours]   [Max. Marks : 50

Note : All questions are compulsory. All questions carry equal marks.

1. (a) Discuss different data types used in Java with their range.
    (b) What is Operator Precedence? Explain in detail.

OR

Discuss the features of JAVA with suitable example.

2. Explain various types of operators with suitable example.

OR

   (a) What is Type Casting? Discuss type casting of JAVA and also explain which types of value are not typed in JAVA.
   (b) What is an Array? How can we declare one and two dimensional arrays with and without initialization? Explain with a program.

3. (a) What are Constructors? Why they are used? Write a program that initialize the value of object during its creation.
    (b) What is Method Overloading? Explain with suitable example.

OR

   (a) Discuss concept of String. How can we initialize it? Write a program that finds a particular character from a string.
   (b) Explain multiple definition of constructors with suitable example.

4. (a) Give the concept of super and sub class with suitable example.
    (b) What is a Package? Discuss different .packages used in JAVA and also create a package as a suitable example on your own.

OR

Discuss Threading with functions used in threading.

5. Discuss Exception Handling on following point :
    (a) try   (b) catch   (c) throw
    (d) throws   (e) finally.

OR

   (a) What is JVM? Explain working of it.
   (b) Write a program to create a file, enter data in this file, close this file and then read it.

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