Exam. Code : 105704
Subject Code : 1556

B.Sc. Information Technology Semester-IV
JAVA AND WEB DESIGNING
Paper–III

Time Allowed—3 Hours]   [Max. Marks—75

Note :— Attempt any **FIVE** questions.

1. Describe the salient features of java with special emphasis on platform independence.   15

2. Describe the idea of package, their creation and importing by giving examples.   15

3. Explain following terms/concepts :

    (i)   JVM and CGI

    (ii)   Encapsulation

    (iii) Data types in Java.   5×3=15

4. (a)   Write and explain the basic structure of the java programs

    (b)   Inheritance and its various forms in java.   15

5. Explain the concept of interfaces and alternate ways of its implementation in java by giving example.   15

6. Discuss the concept of Applets in java. Also explain the life-cycle of an Applet and role of different methods of Applet class ?　15

7. Discuss the multithreading facility in java and their prioritising with suitable example.　15

8. What are salient features of a web page ? Describe the steps in design of a web page by giving example.　15