6. What is interface and package ? Write and explain a JAVA program to demonstrate the concept of interface.

7. What is the role of HTML ? Discuss various features of HTML for designing a Web page.

8. Define form. Write a HTML program to create a form.

B.Sc. (Information Technology) 4th Semester

JAVA AND WEB DESIGNING

Paper–III

Time Allowed—2 Hours]   [Maximum Marks—75

Note :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. Explain the following concepts :

   (a) Platform independence and cross platform computing.

   (b) Role of Inheritance in Object Oriented Programming.

2. What are various Object Oriented concepts ? Discuss the role of object, class and polymorphism by taking suitable examples.

3. What are various looping statements in JAVA ? Illustrate.

4. Define operator. What are different types of operators in JAVA ? Illustrate.

5. Define constructor. What are its properties ? Explain how constructors are implemented using JAVA.