

**B. Tech. 6th Semester (Information Technology)**

**Examination, May-2012**

**WEB DEVELOPMENT**

**Paper-CSE-307-F**

*Time allowed : 3 hours]*

*[Maximum marks : 100*

**Note :** *Question No. 1 is compulsory. Attempt one question from each section. All questions carry equal marks.*

1. (a) Evolution of Java programming language.
- (b) What do you mean by web settler and web browser ?
- (c) What are the advantages of JSP over CGI ?
- (d) Explain the significance of .Net framework.

20

**Section-A**

2. (a) Define Thread. Explain the life cycle of thread with example. 10
- (b) List the eight basic data types used in Java. 10

3. What do you mean by Package and Interface? Write a program to explain various types of protection modes in Java. 20

### Section-B

4. (a) What is the difference between Hypertext and Hypermedia ? What is the role of HTTP ? 10  
(b) How do you link external style sheet in HTML page ? 10
5. Discuss various Java Script object Model. How event and forms handling takes place ? Discuss each with separate example. 20

### Section-C

6. (a) What is the difference between ASP and JSP? 10  
(b) How server are configured to support CGI applications ? 10
7. (a) Explain server-side programming. How it can be differentiated with client side programming? 15  
(b) Describe the working paradigm of CGI. 5

**Section-D**

8. (a) What is the difference between Java Applets and Servlets. 10
- (b) Explain the concept of VRML idea. 10
9. Write short notes on :
- (a) XML
- (b) CLR
- (c) Web Service
- (d) MSIL. 4×5=20