Code: **CSCS2T3**

I M.Tech - II Semester - Regular Examinations - AUGUST 2016

WEB TECHNOLOGIES
(COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours   Max. Marks: 70

Answer any FIVE questions.   All questions carry equal marks

1.
   a) Explain how forms are created.   7 M

   b) Explain the purpose and way of creating lists in HTML documents.   7 M

2.
   a) Why is JavaScript called an object-based language? Explain objects in JavaScript.   7 M

   b) Explain DHTML with an example.   7 M

3.
   a) Explain in detail DOM event handling.   7 M

   b) Explain the advantages of SAX.   7 M

4. What are Java Beans? Explain the advantages of Java Beans API. 14 M

5.

   a) What is a servlet? Explain the life cycle of a servlet with an example. 7 M

   b) Write about Cookies and Sessions with an example. 7 M

6.

   a) Explain the anatomy of a JSP page. 7 M

   b) Write a JSP that prints the number of users online at any point of time. 7 M

7.

   a) Explain how error handling is done in JSP pages. 7 M

   b) Write briefly about Memory usage considerations in JSP. 7 M

8.

   a) List and explain the steps involved in a basic JDBC program. 7 M

   b) Explain Struts framework with an example. 7 M