Code: **CSCS2T3**

I M.Tech - II Semester - Regular Examinations - September 2015

WEB TECHNOLOGIES
(COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours   Marks: 5x14=70

Answer any FIVE questions.   All questions carry equal marks

1. a) Explain with examples the uses of tables in web pages. 7 M

   b) Write briefly about the use of Cascading Style Sheets in web pages.   7 M

2. a) What is Dynamic HTML? Explain the use of JavaScript in Dynamic HTML.   7 M

   b) Explain object based features of JavaScript.   7 M

3. a) Explain the basic structure of XML. What are the differences between XML and HTML.   7 M

   b) Write about XML parsing.   7 M

4. What is Java Bean API? Explain briefly the set of classes and interfaces in Java Beans package.   14 M

5. a) Write a JSP program which says "Good Morning/Afternoon/Evening" based on the current time.

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

6. a) What is MVC? Explain it in the context of JSP.   7 M

b) Explain in detail the steps involved in setting up JSP environment in order to run a JSP page.   7 M

7. a) Explain debugging Sharing between JSP pages.   7 M

b) Write a JSP program to retrieve values from Student table and display in a tabular format.   7 M

8. a) Discuss briefly Struts framework with an example.   7 M

b) Write about Deploying Java Beans in a JSP Page.   7 M