

**I M.Tech - II Semester - Regular/Supplementary Examinations  
JULY - 2017****WEB TECHNOLOGIES  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max Marks: 70

Answer any FIVE questions. All questions carry equal marks

1. a) What is CSS? Explain different types of CSS. 8 M

b) Write a HTML code which shows the following table

6 M

Row1, cell1	Row1, cell2
Row2, cell1	Row2, cell2

2. a) Write a java script that reads an integer and displays whether it is an odd or even number. 8 M

b) What is a function? Explain how parameters are passed to functions in JavaScript. 6 M

3. a) Define XML schema and explain how XML schema can be created. 10 M

b) Write the differences between DOM and SAX. 4 M

4. a) What are the advantages of Java beans? 4 M
- b) Explain the bound properties of Java beans. 10 M
5. Create a HTML form with three input fields first name, last name and e-mail. Pass these values to a servlet. In the servlet, verify all input fields are not null and display them back to client. 14 M
6. a) Explain MVC Architecture. 6 M
- b) Write about the JSP processing. 8 M
7. a) Explain about the include tag in JSP with example. 4 M
- b) Define a user defined package (java bean file) to have a function to add two numbers and use that bean in another JSP program. 10 M
8. Write JSP code to insert new records into an Employee Database and to Display the table Details. 14 M