Roll No ....

IT - 604

B.E. VI Semester

Examination, June 2013

Web Technology

Time : Three Hours

Maximum Marks : 100   **Minimum Pass Marks :35**

Note: Total number of questions 10.
Attempt one question (including all parts) from each unit.
Assume missing data, if any, suitably.

Unit - I

1. a)   Explain adapting requirements engineering methods to web application development for requirements types.
   b)   Explain basic elements of hypertext documents.

OR

2. a)   Explain basic components of web application architecture.
   b)   How do you use http client for sending request? Write an example program that retrieve files from the URL http://www.myaddr.net/my/file.

Unit - II

3. a)   How do you create a link? How do you link to a location in the middle of an HTML document?
   b)   Describe the role that XSL can play when dynamically generating HTML through suitable example.

OR

4. a)   What is the use of CSS in DHTML? Explain the methods of using CSS with HTML. Write a suitable program to demonstrate.

   b)   Write an example program that parses an XML string into an XML DOM object and then extracts some information from it with a Java Script.

Unit - III

5. a)   Write a script using Java Script that checks the given input for a valid name, pass word length more than 6 characters and age field in the range of 1 to 99. Also write the appropriate HTML code to implement this script.
   b)   How do you get Java script onto a web page? Explain with examples.

OR

6. a)   Write a Java script example that displays data when a button is clicked.
   b)   How is XML defined? Write down the XML syntax and structure rules. What is DTD? Discuss its applications.

Unit - IV

7. a)   How many requests by default can be queued in ServerSocket? What are the differences between ServerSocket and Socket? Discuss about the ServerSocket class.
   b)   What is EJB? How many different types of EJB components are available?

OR

8.   Write the notes on :
   i)   JRMI   ii)   MOM   iii)   Firewall

Unit - V

9. a)   What is Java bean? What are the necessary criteria of bean class? How many types of properties are in Java bean? Discuss about them.
   b)   Differentiate between get and post method for a web based application. Write a simple code to explain the same.

OR

10. a)   Describe the steps to implement a stateless session bean in detail.
   b)   Explain the inbuilt objects of JSP.
        What is the difference between - jsp: include page ... and - %a include file ...