R09

Code No: F3402

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA IV Semester Examinations, August - 2017
WEB TECHNOLOGIES

Time: 3hrs   Max.Marks:60

Answer any five questions
All questions carry equal marks
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1.a) List and explain various HTML tags with examples and usage.
 b) Explain XML schemas and Document Object Model. Give a short note on XML preprocessors.   [6+6]

2.a) What is the need of Regular Expressions?
 b) Write JavaScript for validating HTML Login Form by using Regular Expressions.[6+6]

3.a) Explain the significance of the bound property in java Beans with an example.
 b) Write about java beans API   [6+6]

4.a) Create a web page which uses prompt( ) display to ask a user for their name, age, and shoe size. Display the information entered on the page and formatted as a small table.
 b) What are the properties and values used in styles? Describe the different ways that styles can be added to a page. In one page include a number of div elements. How does a browser handle this? If access to more than one type of browser, compare the effects that the same commands can create.   [6+6]

5.a) What is Tomcat server? How is it installed and tested?
 b) Explain the Servlet API.   [6+6]

6.a) Describe the anatomy of a JSP page.
 b) Enumerate the difference between applet and servlet. What are the problems with servlet?   [6+6]

7.a) Explain about memory usage considerations in JSP application development.
 b) Develop a JSP to accept user's first name and then welcome the user by name.   [6+6]

8.a) How to access a database from a JSP page? Explain.
 b) Create an employee information entry form and searches the data base for information about an employee of one is found the data base is updated otherwise new employee entry is stored in data base.   [6+6]

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