

Code No: 09A60505

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD**B. Tech III Year II Semester Examinations, June-2014****WEB TECHNOLOGIES****(Common to CSE, IT)****Time: 3 hours****Max. Marks: 75**

Answer any five questions
All questions carry equal marks

- - -

- 1.a) Describe the process of dividing the table into columns with an example. How would you give headers to the table columns?
- b) Give a note on cascading style sheets.
- 2.a) Explain the features of DHTML.
- b) An integer is said to be prime if it is divisible by only 1 and itself. For example 2, 3, 5 and 7 are prime, but 4, 6, 8 and 9 are not. Write a function that determines whether a number is prime. Use this function in a Java Script that determines and prints all the prime numbers between 1 and 10,000.
- 3.a) "XML Schema documents supports usage of data types", explain the feature and its advantages?
- b) Write the XML schema for a library system.
4. Write a calculator bean that takes two numbers and an operator (+, -, / and *) as input and returns the computed value as output. Use this bean in an application to get the following results: 57*23, 125/9.
- 5.a) Explain the lifecycle of a Servlet.
- b) Explain the cookies-session tracking.
- 6.a) Write a session tracker that tracks the number of accesses and last access data of a particular web page.
- b) Explain the anatomy of JSP page.
- 7.a) Discuss the conditional processing in JSP application development.
- b) What are implicit objects available to JSP page? Explain.
- 8.a) How are java Beans deployed in a JSP page?
- b) Explain the struts framework.
