

Code No: 09A60505

R09

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, December - 2012

WEB TECHNOLOGIES

(Common to CSE, IT)

Time: 3 hours

Max. Marks: 75

Answer any five questions  
All questions carry equal marks



1. Create a HTML document that includes 2 rows of frames with 2 frames in each row. The two left frames must occupy 25% of the width of the display. The bottom 2 frames must occupy 40% of the height of the display. The top left frame must display the name of your mother and all of her siblings (min2). The bottom left frame must display the name of your father and all of his siblings (min2). Each name in the left frames must be a link to a document that is displayed in the right frame when the link is selected. The documents in the right frames are short descriptions of the people. [15]
- 2.a) What object oriented features are supported by Java Script? Explain with examples.  
b) Write about the concept, syntax, typical use of OBJECTS in Java Script. [15]
- 3.a) What is DTD? Explain its purpose? What are the limitations of DTD?  
b) "XML Schemas depends on XML syntaxes for their Documentation", explain the feature and its advantages. [15]
- 4.a) What is a Java Bean? What are the advantages of Java Beans? Illustrate with examples.  
b) Explain with example how to develop a simple Bean and connect it to other components using BDk. [15]
- 5.a) Explain the working of Tomcat web server.  
b) Explain javax.servelet.\* package. [15]
- 6.a) What are the problems with Servlet? Explain the anatomy of JSP page.  
b) Describe the JSP environment. [15]
- 7.a) Explain the error handling and debugging in JSP pages.  
b) What are sessions? How do you enable and disable sessions using JSP? [15]
- 8.a) Explain the struts framework.  
b) Explain how Java beans are deployed in a JSP page. [15]

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