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 Sri Jyoti Institute of Technology
 Library, Mangalore

07MCA43

Fourth Semester MCA Degree Examination, December, 2010

Web Programming

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions.

- 1
 - a. Briefly explain the following : i) web browser ii) web server iii) URL
iv) MIME. (08 Marks)
 - b. Write the differences between xhtml and html. (06 Marks)
 - c. What is cell padding and cell spacing? Demonstrate the use of < table > tag with suitable example. (06 Marks)
- 2
 - a. Create a registration form which accepts name, userid, password, confirm password, language (list box) ; gender (radio button) ; Area of interest (checkbox). Provide two buttons submit and rest. (10 Marks)
 - b. Design a webpage using two frames.

<u>Lake view</u>	
<u>Mountain</u>	
<u>Hillstation</u>	

Create 3 hyperlinks. On clicking the link, corresponding image should be displayed in the 2nd frame which is presently blank. (10 Marks)

- 3
 - a. Explain the methods of date object in javascript. Give an example. (10 Marks)
 - b. What is the use of external style sheet? How does it differ from inline and document level style sheet? (10 Marks)
- 4
 - a. What is an event in java script? Explain some events. (06 Marks)
 - b. What are the differences and similarities between java and javascript? (04 Marks)
 - c. Write a javascript to accept principal, rate and time. Also calculate and print the simple interest. (06 Marks)
 - d. What are the different methods available in string object of javascript? (04 Marks)
- 5
 - a. Explain in detail : i) XML ii) XSLT iii) Webservices iv) UDDI. (10 Marks)
 - b. What are the advantages of XML? Define namespace and XML schema. (10 Marks)
- 6
 - a. Explain file handling in perl. (10 Marks)
 - b. What are the benefits of perl? What are the basic datatypes in perl? (10 Marks)
- 7
 - a. What is CGI? How parsing of data is done for GET and POST methods? (10 Marks)
 - b. What is a cookie? Where is it stored? Explain how to create and delete a cookie. (10 Marks)
- 8
 - a. Write a perl program to display various server information like server name, server protocol and CGI revision. (10 Marks)
 - b. Define the following : i) Ordered list and unordered list in xhtml ii) CSS
iii) Prompt in javascript iv) DOM. (10 Marks)

 Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
 2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

