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Seventh Semester B.E. Degree Examination, June/July 2015

Programming The Web

Time: 3 hrs.

Max. Marks:100

Note: Answer FIVE full questions, selecting at least TWO questions from each part.

PART – A

- 1 a. Explain the task of the DNS name server. (05 Marks)
- b. Explain the request phase of the hypertext transfer protocol (HTTP). (06 Marks)
- c. How lists are handled in XHTML? Design an XHTML code for illustrating nested list. (09 Marks)
- 2 a. Design an XHTML code for the following shown in Fig. Q2 (a). (08 Marks)

		Fruit Juice		
		Apple	Grape	Orange
Diet	Breakfast	00	00	01
	Lunch	01	00	00
	Dinner	00	01	00

Fig. Q2 (a)

- b. Explain the different selector forms provided in CSS. Illustrate the use of each with suitable example. (12 Marks)
- 3 a. Describe briefly the 3 major uses of Javascript on the client side. (06 Marks)
- b. Write a regular expression to validate the email of the following type abc@yahoo.co.in in a javascript function. (06 Marks)
- c. Write a XHTML and javascript to return the leftmost vowel of the string. (08 Marks)
- 4 a. Write a XHTML document to display the content "WEB PROGRAMMING" which continuously moves back and forth across the top of the display. (10 Marks)
- b. Write a java script to compare two passwords. (04 Marks)
- c. Explain the 3 phases of event processing in the DOM 2 event model. (06 Marks)

PART – B

- 5 a. What are the disadvantages of DTD? What is XML schema? Explain defining a schema with example. (10 Marks)
- b. What are the four possible parts of an attribute declaration in a DTD (Document Type Definitions). (04 Marks)
- c. Briefly explain the purposes of XML processors. (06 Marks)
- 6 a. Explain the string functions in perl with example. (06 Marks)
- b. Explain the query string format. (06 Marks)
- c. Explain the CGI.pm module. (08 Marks)
- 7 a. Explain the overview of PHP. (04 Marks)
- b. Explain the sort, assort and ksort array functions in PHP with examples. (08 Marks)
- c. Explain the form handling in PHP for login form to check it for successful login or not. (08 Marks)
- 8 a. Define class. Write ruby class to implement a stack-like structure in an array. (05 Marks)
- b. Explain the overview of rails. (05 Marks)
- c. Explain how to create a hello world example. (10 Marks)

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