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06CS73

Seventh Semester B.E. Degree Examination, June/July 2011
Programming the Web

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions, selecting atleast TWO questions each from Part – A and Part - B.

PART - A

- 1
 - a. Explain HTTP. (05 Marks)
 - b. Explain Web servers operation and general server characteristics. (05 Marks)
 - c. Explain any two web programmer's tools used in web programming. (10 Marks)
- 2
 - a. What tag and attribute are used to define a link? Discuss about it. (04 Marks)
 - b. Explain all controls that are created with the <input> tag with examples, which are used for text collection. (08 Marks)
 - c. Explain the XHTML tags used for lists in documents. (08 Marks)
- 3
 - a. What is the purpose of external level style sheet? Compare it with the other two levels. Write the format of external level style sheet. (04 Marks)
 - b. Explain all selector forms. (06 Marks)
 - c. Explain and <div> tags. (05 Marks)
 - d. Write a note on conflict resolution. (05 Marks)
- 4
 - a. Describe three major differences between Java and Java script. (03 Marks)
 - b. Explain Java Script Array methods with examples. (07 Marks)
 - c. Explain screen output and keyboard input. (10 Marks)

PART - B

- 5
 - a. Discuss the different approaches of XHTML element access in Javascript. (06 Marks)
 - b. Explain, with an example, handling events from body elements using onload attribute. (04 Marks)
 - c. Explain event handler connection for DOM2 event model. (10 Marks)
- 6
 - a. Describe all the differences between the three possible values of the position property. (07 Marks)
 - b. Explain element visibility. (03 Marks)
 - c. With an example of XHTML doc with java script, explain dynamic content. (10 Marks)
- 7
 - a. What is the purpose of DTD? What are four possible keywords in DTD declaration? Write their format. (05 Marks)
 - b. What is the purpose of character data section? Explain with an example. (05 Marks)
 - c. Explain the two categories of user defined XML schema data types. (04 Marks)
 - d. Mention the advantages of XML schema over DTD's. (06 Marks)
- 8
 - a. Explain the string functions, its parameters and its actions in perl. (06 Marks)
 - b. Explain common gateway interface and its linkage. (04 Marks)
 - c. Explain the fundamentals of arrays in perl. (05 Marks)
 - d. Write a simple perl program with use of arrays to read the names, convert them to upper case letters and the array to be sorted and displayed. (05 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.