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10CS73

Seventh Semester B.E. Degree Examination, July/August 2021

Programming the Web

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions.

- 1 a. Explain the Request Phase and Response Phase of HTTP. (08 Marks)
b. Explain unordered lists and ordered lists with relevant examples. (06 Marks)
c. Explain the following tags: (i) <pre> (ii)
 (iii) <blockquote> with relevant examples. (06 Marks)
- 2 a. Explain selector forms with relevant examples. (10 Marks)
b. Explain and <div> tags with relevant examples. (05 Marks)
c. Explain conflict reduction concept used by the browsers. (05 Marks)
- 3 a. Explain Screen output and key board output methods used by JavaScript with relevant syntax. (07 Marks)
b. What are the different array methods used by JavaScript? Explain them. (07 Marks)
c. Explain the different string methods that are used by JavaScript with examples. (06 Marks)
- 4 a. Explain the DOM structure for a simple document with a neat diagram. (05 Marks)
b. Explain Absolute Positioning and Relative Positioning with relevant examples. (07 Marks)
c. Explain onblur, onchange, onclick and onfocus attributes along with their tags. (08 Marks)
- 5 a. With relevant examples, explain element declaration, attribute declaration and entity declaration in Document Type Definitions. (07 Marks)
b. With relevant examples, explain simple type and complex type data in XML schema. (06 Marks)
c. With a neat diagram, explain XSLT processing. (07 Marks)
- 6 a. Explain string functions in Perl. (06 Marks)
b. Explain selection and loop statements in Perl with relevant examples. (09 Marks)
c. Explain the function of a Cookie with relevant example. (05 Marks)
- 7 a. Explain string functions in PHP with examples. (08 Marks)
b. Explain logical internal structure of arrays with neat diagram. (05 Marks)
c. Explain the File use indicators supported by PHP. (07 Marks)
- 8 a. Explain any five string network supported by Ruby. (05 Marks)
b. Explain keyboard input and screen output methods supported by Ruby with relevant examples. (07 Marks)
c. Explain the unless, if, if-else-if-else, while and for loop statements in Ruby with examples. (08 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.