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10CS73

Seventh Semester B.E. Degree Examination, Jan./Feb. 2021
Programming in Web

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.

PART – A

- 1 a. Illustrate with a neat diagram, the working of Domain Name Server. (08 Marks)
b. Why MIME is required in HTTP Responses? Write the format of MIME specification. (04 Marks)
c. Demonstrate with an example, the use of the following XHTML tags :
i) <sub> ii) <sup> iii) <meta> iv) . (08 Marks)
- 2 a. Enlist and explain with an example the different types of lists used in XHTML documents. (09 Marks)
b. Demonstrate with an example the different levels of CSS. (06 Marks)
c. List and briefly explain Selector Forms used in CSS. (05 Marks)
- 3 a. Explain JavaScript's Screen Output and Keyboard Input functions. (10 Marks)
b. With the help of an example for each, explain any 5 array methods of Javascript. (10 Marks)
- 4 a. Analyse the DOM structure of Javascript and explain its working. (06 Marks)
b. Explain the 2 techniques to access form elements in Javascript. (08 Marks)
c. Demonstrate the use of Onclick event on the input tag. (06 Marks)

PART – B

- 5 a. How are Elements , Attributes and Entities declared in DTD? (12 Marks)
b. What is XSLT used for? With the help of a neat diagram, explain the working of XSLT processor. (08 Marks)
- 6 a. Explain the 3 types of variables in Perl. Give example for each. (12 Marks)
b. Explain Perl's File Input and Output functions. Demonstrate how to read and write a file. (08 Marks)
- 7 a. How are Array's created in php? Explain the explode and implode functions of php. (08 Marks)
b. Demonstrate with an example program , how Form Data is handled in php. (08 Marks)
c. What are Cookies? How do we write and read a Cookie in php? (04 Marks)
- 8 a. Explain Ruby's Screen Output and Keyboard Input functions. (06 Marks)
b. How are Classes declared and Inherited in Ruby? (04 Marks)
c. Write a note on Rail's framework and its Directory structure. (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.