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) <img>.   **(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 pho.
                                                                                               (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)**

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