



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 : (08 Marks)
 - i) <sub> ii) <sup> iii) <meta> iv) .
- 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)
