



10CS73

Seventh Semester B.E. Degree Examination, Dec.2019/Jan.2020  
**Programming the Web**

Time: 3 hrs.

Max. Marks:100

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

**PART – A**

- 1 a. What is HTTP? Explain its phases in detail. (10 Marks)  
b. Explain the following tags with example:  
(i) < a > (ii) < img > (iii) < blockquote > (iv) < meta > (08 Marks)  
c. Explain MIME type specifications. (02 Marks)
- 2 a. Explain the following with respect to table creation in XHTML documents:  
(i) Align and valign attributes (06 Marks)  
(ii) Rowspan and colspan attributes (06 Marks)  
(iii) Cell Padding and Cell spacing attributes. (08 Marks)  
b. Different between HTML and XHTML.  
c. List out the variety of selector forms available in CSS and explain in detail.
- 3 a. Explain the different levels of style sheets available in CSS. (04 Marks)  
b. Explain the concept of object creation and modification in Javascript. (08 Marks)  
c. Explain with examples, the screen output and keyboard input methods. (08 Marks)
- 4 a. Explain events and event handling in Javascript. (10 Marks)  
b. Explain the different types of positioning elements in Javascript with example. (10 Marks)

**PART – B**

- 5 a. Explain XML Document Type Definitions with example. (10 Marks)  
b. With a neat diagram explain the transformation process by an XSLT processor. (07 Marks)  
c. Explain the purposes of XML processors. (03 Marks)
- 6 a. Explain string functions in PERL. (05 Marks)  
b. Explain the concept of Arrays in PERL. (06 Marks)  
c. What is CGI? With a neat diagram, explain communication configuration for CGI. (09 Marks)
- 7 a. Explain the four scalar types of PHP. (06 Marks)  
b. Explain how to create a cookie in a PHP script. (08 Marks)  
c. Explain Session Tracking in a PHP script. (06 Marks)
- 8 a. Explain the concept of Classes in Ruby. (10 Marks)  
b. Explain how to build the Database in Rails. (10 Marks)

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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.