CBCS SCHEME

USN ☐☐☐☐☐☐☐☐☐☐ 16/17MCA13

First Semester MCA Degree Examination, June/July 2018
Web Technologies

Time: 3 hrs. Max. Marks: 80

Note: Answer any FIVE full questions, choosing one full question from each module.

Module-1

1 a. Describe the characteristics and operations of a web server. **(08 Marks)**
   b. Illustrate the two phases of HTTP in detail. Mention the difference between GET and POST method. **(08 Marks)**

OR

2 a. Define the term Internet. Explain the types of networks. **(10 Marks)**
   b. Explain SMTP. **(06 Marks)**

Module-2

3 a. Explain the different types of lists in XHTML with examples. **(08 Marks)**
   b. With appropriate XHTML tags, create a form which contains label, text boxes, text area, checkbox, radio button, submit and reset button. **(08 Marks)**

OR

4 a. What is CSS? Explain with examples different levels of style sheets. **(08 Marks)**
   b. Demonstrate with suitable example:
   (i) Universal selector   (ii) Class selector   (iii) Id selector. **(08 Marks)**

Module-3

5 a. Describe constructor and java script functions. **(08 Marks)**
   b. Explain pattern matching in java script with example. **(08 Marks)**

OR

6 a. What is DOM? How to handle events from textbox elements. **(08 Marks)**
   b. Demonstrate with suitable examples onClick and onFocus event. **(08 Marks)**

Module-4

7 a. Differentiate relative positioning and absolute positioning? Give example for stacking elements. **(08 Marks)**
   b. How to change the color and font dynamically in XHTML, illustrate with example. **(08 Marks)**

OR

8 a. What is XML? Explain about xml document structure. **(08 Marks)**
   b. Write short notes on :
   (i) DTD   (ii) XSLT **(08 Marks)**

Module-5

9 a. List out the built-in functions of Perl arrays. Also mention how to find the last subscript of an array. **(08 Marks)**
   b. What is hash table? Write a perl program to display the values of Environment variables. **(08 Marks)**

OR

10 a. Briefly explain about CGI.pm. List out the functions of CGI.pm. **(08 Marks)**
   b. Write a perl program to demonstrate the use of cookies. **(08 Marks)**

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