CBCS SCHEME
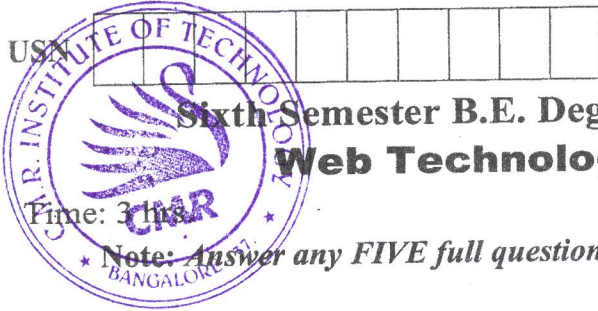
18CS63

Sixth Semester B.E. Degree Examination, June/July 2023
Web Technology and its Application

Time: 3 hrs.   Max. Marks: 100

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

Module-1

1 a. Explain the structure of HTML document with an example. **(10 Marks)**
   b. Explain ordered and unordered list in HTML5 with code. **(10 Marks)**

OR

2 a. Explain embedded style sheet and external style sheet with code. **(10 Marks)**
   b. Discuss class selector and id selector with code. **(10 Marks)**

Module-2

3 a. List and describe different button controls. **(08 Marks)**
   b. Explain the elements used to define the structure of HTML table. Give an example of table. **(12 Marks)**

OR

4 a. What is normal flow in the context of CSS? **(10 Marks)**
   b. What is responsive design? What are its four components, explain them. **(10 Marks)**

Module-3

5 a. With diagrams, explain client script and server script execution. **(10 Marks)**
   b. Explain the php module in the apache and describe the difference between multi-threaded and multi-process setup. **(10 Marks)**

OR

6 a. Describe different comparison operators in javascript. **(12 Marks)**
   b. What is DOM? Briefly explain the different types of nodes. **(08 Marks)**

Module-4

7 a. Describe polymorphism and data encapsulation in php. **(10 Marks)**
   b. Highlight the techniques for reading and writing of files in php with example. **(10 Marks)**

OR

8 a. What are errors and exceptions? **(10 Marks)**
   b. Discuss $ - SERVER array. How is it used? **(10 Marks)**

Module-5

9 a. What are cookies? Explain php mechanism for writing and reading cookies with example. **(10 Marks)**
   b. Discuss strategies to caching web applications. **(10 Marks)**

OR

10 a. What is AJAX? Explain how asynchronous request is handled using UML diagrams. **(10 Marks)**
    b. Describe how XML is processed in javascript and php. **(10 Marks)**

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