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## 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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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.