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Sixth Semester B.E. Degree Examination, June/July 2023
Introduction to Web Technology

Time: 3 hrs.

Max. Marks: 100

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

Module-1

- 1 a. What is HTML? Explain the structure of HTML document. (10 Marks)
 b. Explain the HTMLS semantic structure elements with an example. (10 Marks)

OR

- 2 a. What is CSS? List out the benefits of CSS. Explain the CSS syntax. (10 Marks)
 b. List out the CSS box model. Explain any two of CSS box model. (10 Marks)

Module-2

- 3 a. Explain the following terms:
 i) Basic table structure ii) Adding table headings. (10 Marks)
 b. Explain the concept of microformats with a neat diagram. Give an example of h card. (10 Marks)

OR

- 4 a. Explain the different ways of positioning elements in CSS layout. (10 Marks)
 b. List out the different approaches to CSS layout. Explain any one. (10 Marks)

Module-3

- 5 a. What is Javascript? Explain about the client-side Javascript, with a neat diagram. (10 Marks)
 b. List out the syntax of Javascript. Write a Javascript code for display greeting message when the mouse button is pressed. (10 Marks)

OR

- 6 a. Composition between client script (and) server script execution with a neat diagram. (10 Marks)
 b. Explain the PHP tags. What are the types of comments in PHP? (10 Marks)

Module-4

- 7 a. Explain the following terms:
 i) Multidimensional Arrays
 ii) Iterating through an array. (10 Marks)
 b. Explain the different types of process in \$_FILES arrays. (10 Marks)

OR

- 8 a. What is classes? What is the role of data encapsulation in OOD? (10 Marks)
 b. Briefly explain the protected access modifier with a neat diagram. (10 Marks)

Module-5

- 9 a. What is Coaching? List out the basic strategies of coaching. Explain with a neat diagram of page output coaching. (10 Marks)
 b. With a neat diagram, explain the desktop applications versus web applications. (10 Marks)

OR

- 10 a. Explain the Javascript pseudo-classes with an examples. (10 Marks)
 b. With a neat diagram, explain the UML sequence diagram of an AJAX request. (10 Marks)