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Seventh Semester B.E. Degree Examination, Dec.2023/Jan.2024 Web Technology and Its Applications

Time: 3 hrs.

Max. Marks: 80

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

Module-1

- 1 a. Explain the tags for following with example :
- (i) Paragraph
 - (ii) Link
 - (iii) Headings
 - (iv) Image
- (08 Marks)
- b. Explain the different types of lists. Design a web page showing the use of three different types of lists. (08 Marks)

OR

- 2 a. Illustrate different selectors of CSS. (08 Marks)
- b. Create an HTML document that has six short paragraphs of text. Define three different paragraph styles P₁, P₂ and P₃. The P₁ style must use left and right margins of 20 pixels a back ground colour of pink and a foreground colour of blue. The P₂ style must use left and right margins of 30 pixels, a background colour of black and a foreground colour of yellow. The P₃ style must use a text indent of 1 centimeter, a background colour of green and a foreground colour of white. The first and fourth paragraphs must use P₁, the second and fifth paragraphs must use P₂ and the third and sixth must use P₃. Use external style sheet. (08 Marks)

Module-2

- 3 a. Create a HTML document to display the following table in a web page.

Artist	Title	Year	Size (Width × Height)	
Louis David	The Death of Marat	1793	162 cm	128 cm
	The intervention of the sabine woman	1799	314 cm	663 cm
	Napolean crossing the Alps	1800	183 cm	253 cm
Gustave Courbet	Burial at Omans	1849	153 cm	267 cm

- (06 Marks)
- b. Write a HTML document and illustrate any five text input controls of form with the help of example. (10 Marks)

OR

- 4 a. List and explain different position values of CSS used for element positioning with suitable example. (08 Marks)
- b. Define CSS frame work. Illustrate the two main types of CSS frame work with suitable examples. (08 Marks)

Module-3

- 5 a. Illustrate the two approaches for event handling in javascript, with coding example. (08 Marks)
b. Explain the properties and built in methods of Javascript objects : Array, Math, String and Date. (08 Marks)

OR

- 6 a. List all program control loops supported by PHP. Explain any three of them with syntax in PHP. (08 Marks)
b. Illustrate the concepts of passing a parameter by value and passing a parameters by reference in PHP with suitable code snippets. (08 Marks)

Module-4

- 7 a. Explain different array operations supported by PHP. (08 Marks)
b. Explain the two techniques for reading/writing files in PHP. (08 Marks)

OR

- 8 a. Implement a program to demonstrate the interaction between HTML form and corresponding PHP file to display form information as a reply using \$_POST. The HTML form should contain minimum 4 fields. (08 Marks)
b. List and define super global arrays. Write a PHP program to display any three server related information. (08 Marks)

Module-5

- 9 a. Define cookies. Write a PHP program to create a cookie to store username and display it by reading the stored username in cookie. (08 Marks)
b. Compare cookies and web storage. Illustrate reading and writing a web-storage with javascript code. (08 Marks)

OR

- 10 a. Write the importance of AJAX. Explain AJAX request using an UML sequence diagram. (08 Marks)
b. Illustrate loading and processing of an XML document via javascript with programming example. (08 Marks)
