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17CS71

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

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 standard HTML structure and syntax with an example to demonstrate the same.
(10 Marks)
   b. Illustrate with an example the different types of selectors used in CSS.   (10 Marks)

OR

2   a. Explain the different types of list elements available in HTML5 with example.   (10 Marks)
   b. Illustrate with an example the three different levels of CSS.   (10 Marks)

Module-2

3   a. Explain the different table attributes and write the HTML code for the following table:

		Fruit Juice		
		Apple	Grape	Orange
Diet	Lunch	00	00	01
	Dinner	01	00	00
	Breakfast	00	01	00

(10 Marks)
   b. Differentiate between GET and POST method.   (05 Marks)
   c. List and describe the various types of Text input controls.   (05 Marks)

OR

4   a. Explain the various types of positioning elements used in CSS3 with example.   (10 Marks)
   b. Explain briefly the different types of approaches to CSS layout.   (06 Marks)
   c. Briefly explain the importance of Responsive Design.   (04 Marks)

Module-3

5   a. Illustrate with an example the three different ways of Linking Javascript to HTML.(10 Marks)
   b. Define Document Object Model. Explain its different nodes along with its properties and methods.   (10 Marks)

OR

6   a. List and explain the different types of events specified by the W3C.   (10 Marks)
   b. Illustrate with an example to embed the PHP code into the HTML.   (06 Marks)
   c. Illustrate with a simple example for defining and calling functions in PHP.   (04 Marks)

Module-4

7   a. Illustrate with a simple code to Add and Delete the elements to the array in PHP.   (06 Marks)
   b. List and describe the different types of super global array used in PHP.   (07 Marks)
   c. List and explain the various built in functions of Array in PHP.   (07 Marks)

OR

8	a.	Explain the different file handling functions used in PHP.	**(08 Marks)**
	b.	How constructors are defined in PHP? Explain with example.	**(06 Marks)**
	c.	How exceptions are handled in PHP?	**(06 Marks)**

Module-5

9	a.	Explain the different ways of passing information to the server.	**(08 Marks)**
	b.	Define cookie. Write a PHP code to read and write cookie.	**(08 Marks)**
	c.	Discuss briefly the HTML5 web storage.	**(04 Marks)**

OR

10	a.	Define XSLT. Explain the XSLT workflow with a neat diagram.	**(08 Marks)**
	b.	Define jQuery. List and describe the different forms selectors of the jQuery.	**(06 Marks)**
	c.	Discuss the following:	
		i) JSON ii) Web services.	**(06 Marks)**

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