

CBCS SCHEME

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18CS63

Sixth Semester B.E. Degree Examination, Dec.2024/Jan.2025

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 Anchor (a) tag to create wide range of links with suitable example. (08 Marks)
b. Discuss the advantages of semantic HTML elements. (06 Marks)
c. Write HTML code segment to display following context using list elements :
 1. Introduction
 2. Literature survey
 3. My solution - Methodology
- Results
 4. Conclusion. (06 Marks)

OR

- 2 a. What is CSS? Explain different location of styles with suitable example. (06 Marks)
b. What is Selector? Explain any 4 selector with suitable example. (06 Marks)
c. Discuss the cascading principles with examples. (08 Marks)

Module-2

- 3 a. Design the following table using HTML code :

Items	Details		Total Amount
	Units	Amount	
Computers	50000/-	2	100000
Projector	25000/-	3	75000
Total Amount			175000

- b. Explain basic form structure with suitable example. (08 Marks)
- c. Explain different types of button control elements. (06 Marks)

OR

- 4 a. Briefly explain any two positioning elements with suitable example. (08 Marks)
b. What is Micro format? Explain with neat diagram. (06 Marks)
c. Design 3 column layout using positioning and float property with suitable example. (06 Marks)

Module-3

- 5 a. What is client side scripting? Discuss its advantages and disadvantages. (06 Marks)
b. List any four methods of DOM. Write the code segment to modify the context of HTML documents using DOM methods. (08 Marks)
c. Write a Java Script code to calculate cubes of numbers from 0 to n. (06 Marks)

OR

- 6 a. List the keyboard events. Write Java script code segments to display key pressed in the keyboard on alert message. (08 Marks)
 b. List any six web server responsibilities. (06 Marks)
 c. Explain different types of parameters passing in PHP , with suitable example. (06 Marks)

Module-4

- 7 a. Discuss how arrays are different in PHP compare to other tradition programming languages. (06 Marks)
 b. Explain different file size restriction mechanism with suitable code segments. (08 Marks)
 c. Illustrate data flow from HTML form to PHP. (06 Marks)

OR

- 8 a. Implement a PHP code to create a class with following specification :
 Data members : E_name , E_No , DOB , Salary
 Member functions : Read , Write.
 Use the above specification to read and write the 2 employee information. (08 Marks)
 b. What is Interface? Discuss the implementation of Interface with suitable example. (06 Marks)
 c. Explain static member with suitable example. (06 Marks)

Module-5

- 9 a. What is Cookies? Write PHP code segment to read and write cookies. (06 Marks)
 b. Discuss how web storages are better than cookies. Write PHP code segment to read from webstorage. (08 Marks)
 c. What is Caching? Explain page output caching with neat diagrams. (06 Marks)

OR

- 10 a. Write PHP code segment to convert JSON string into PHP object. (06 Marks)
 b. Explain MVC frame work with neat diagram. (08 Marks)
 c. What is AJAX? Explain how the asynchronous request is handled with suitable diagram. (06 Marks)

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