

CBCS SCHEME

USN

Sixth Semester B.E. Degree Examination, July/August 2022
Web Technology and its Applications

18CS63

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 with an example. (08 Marks)
- b. What are contextual selectors? Identify and explain 4 different contextual selectors. (08 Marks)
- c. Write the syntax of below mentioned HTML elements and briefly explain with examples.: (04 Marks)
 - (i) <a>
 - (ii)

OR

- 2 a. Illustrate the CSS box model. Be sure to label and briefly explain each component of the box. (08 Marks)
- b. List the HTML5 semantic elements and explain any three with suitable examples. (08 Marks)
- c. Describe the embedded style sheet with example. (04 Marks)

Module-2

- 3 a. Write HTML code for the following table with appropriate styling:

Year : 2021							
Month	Days		Dates				
	Name	Id					
March	Mon	1	1	8	15	22	29
	Tue	2	2	9	16	23	30
	Wed	3	3	10	17	24	31
	Thu	4	4	11	18	25	
	Fri	5	5	12	19	26	
	Sat	6	6	13	20	27	
	Sun	7	7	14	21	28	

- b. What is responsive design? Explain in brief the four key components that make a responsive design work. (08 Marks)
- c. Illustrate and briefly explain the use of number and range HTML5 controls. (04 Marks)

OR

- 4 a. Illustrate the construction of multi column layouts with example. (08 Marks)
- b. Explain the different types of buttons defined in HTML. (08 Marks)
- c. How the block level and inline elements are displayed in the normal flow? (04 Marks)

Module-3

- 5 a. Write Javascript code that uses function for the following problems:
 - (i) For the string input the output should be to display the position of left most vowel. (08 Marks)
 - (ii) For the numeric input output should be to display the reverse of a number. (08 Marks)
- b. Explain the two approaches to embed PHP script in HTML with suitable and compare the two approaches. (08 Marks)
- c. What is DOM? Briefly explain the different types of nodes. (04 Marks)