

**First Semester B.E./B.Tech. Degree Examination, Dec.2024/Jan.2025****Introduction to Web Programming**

Time: 3 hrs.

Max. Marks: 100

*Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.  
2. M : Marks , L: Bloom's level , C: Course outcomes.*

Module – 1			M	L	C
Q.1	a.	Explain the rules of (X) HTML.	8	L2	CO1
	b.	List and explain most common elements used in (X) HTML documents.	8	L2	CO1
	c.	Differentiate between logical versus physical markup.	4	L2	CO1
OR					
Q.2	a.	Discuss any three myths and misconceptions about HTML and XHTML.	6	L2	CO1
	b.	Write an XHTML program to get the following output: <div>ORDERED LIST Ingredients for making of coffee a. Sugar b. Coffee powder c. Milk</div>	6	L3	CO1
	c.	Discuss the (X) HTML tags supported in document head.	8	L2	CO1
Module – 2					
Q.3	a.	How HTML5 perform the drawing and styling lines and shapes? Explain with an example how to draw few different shapes with fills and style.	10	L3	CO2
	b.	Explain different semantic elements in HTML5 with an example.	5	L2	CO2
	c.	Explain the following tags: i) audio ii) video	5	L2	CO2
OR					
Q.4	a.	Write a note on iframe element in HTML5.	5	L2	CO2
	b.	Briefly, explain client side graphics with <canvas>.	10	L3	CO2
	c.	What is the use of command element and its attribute in HTML5?	5	L3	CO2
Module – 3					
Q.5	a.	Suppose you want to apply CSS to text that doesn't coincide with any of the HTML5 elements. What should you do? Give an illustrative example.	10	L3	CO3
	b.	Explain text-align, text-decoration, text-transform and text-indent properties of CSS.	10	L3	CO3
1 of 2					

## OR

Q.6	a.	Discuss font-style, font-variant, font-weight properties of CSS.	10	L2	CO3
	b.	Explain span and div elements with an example.	6	L2	CO3
	c.	Explain the different levels of style sheets available in CSS.	4	L2	CO3

## Module – 4

Q.7	a.	Explain how a responsive web page's layout can display differently on different platform.	6	L2	CO3								
	b.	Give the code to create a webpage with the output as shown below. Wind disasters <table><tr><td>Tornadoes</td><td>Hurricanes</td></tr><tr><td>Joplin, Missouri</td><td>Katrina</td></tr><tr><td>Tri-state</td><td>Andrew</td></tr><tr><td>Wako, Texas</td><td>Galveston</td></tr></table>	Tornadoes	Hurricanes	Joplin, Missouri	Katrina	Tri-state	Andrew	Wako, Texas	Galveston	8	L3	CO3
Tornadoes	Hurricanes												
Joplin, Missouri	Katrina												
Tri-state	Andrew												
Wako, Texas	Galveston												
	c.	Mention and briefly describe the common formats for web page bitmap image files.	6	L3	CO3								

## OR

Q.8	a.	What is the need of Responsive Web Design (RWD)? Explain resolution switching with an example.	10	L3	CO3
	b.	Explain different href attribute values and their jumping effects.	8	L2	CO3
	c.	What is browsing context? Name the element used to create it.	2	L1	CO3

## Module – 5

Q.9	a.	Create a webpage containing 3 over lapping images using HTML, CSS and JS. Further when the mouse is over any image, it should be on the top and fully displayed.	12	L3	CO4
	b.	What is a function in Java script? Explain syntax for a function definition with an example.	8	L3	CO4

## OR

Q.10	a.	Explain text control attributes.	6	L2	CO4
	b.	Write a java script program that on clicking a button, displays scrolling text which moves from left to right with a small delay.	8	L5	CO4
	c.	Explain popular controls and the elements of forms used in javascript.	6	L2	CO4

\*\*\*\*\*