

# CBCS SCHEME

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BPLCK205A

**Second Semester B.E./B.Tech. Degree Examination, Dec.2025/Jan.2026**

## 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

Q.1	a.	Explain the rules of X(HTML).	M 8	L L2	C CO1
	b.	Explain (X)HTML document structure with example.	6	L2	CO1
	c.	Show a graphical overview of the HTML markup syntax with an example.	6	L1	CO1

### OR

Q.2	a.	Discuss the (X)HTML tags supported in document head with example.	8	L1	CO1
	b.	Differentiate between Logical versus Physical markup.	6	L1	CO1
	c.	Discuss any three myths and misconceptions about HTML and XHTML.	6	L3	CO1

### Module - 2

Q.3	a.	Explain and apply client side graphics with <canvas> by providing with an example.	10	L3	CO2
	b.	Explain different semantic elements in HTML5 with example.	5	L2	CO2
	c.	Draw a square using HTML5 SVG, fill the square with green color and make 6 PX brown stroke width.	5	L3	CO2

### OR

Q.4	a.	Explain emerging elements and attributes to support web applications.	5	L2	CO2
	b.	List the HTML4 elements which are redefined in HTML5 and also state the new meaning in HTML5.	10	L1,2	CO2
	c.	Write a note on audio and video element in HTML5.	5	L2	CO2

## Module – 3

Q.5	a.	Explain different types of selectors in CSS with suitable examples.	8	L1,2	CO3
	b.	Explain how RGB and HSL color values differ. Describe the role of opacity and rgba( ) in defining transparent colors.	8	L2	CO3
	c.	Write a CSS code snippet to create a box with 2Px solid blue border, 20 Px padding and 15 Px margin.	4	L3	CO3
<b>OR</b>					
Q.6	a.	Explain text-align text-decoration, text-transform and text-indent properties of CSS.	10	L2	CO3
	b.	Explain font-style, font-variant, font-weight and font-size properties of CSS.	10	L2	CO3
<b>Module – 4</b>					
Q.7	a.	Create the following webpage using HTML and CSS with tabular layout.  <div style="text-align: center;"> <p><b>Sign up today</b></p> <p>Name: _____</p> <p>E-mail: _____</p> <p>Password: _____</p> <p>Confirm password: _____</p> </div> <p style="text-align: center;">Fig Q7(a)</p>	10	L3	CO3
	b.	Briefly explain the following terms : i) Positioning images ii) Shortcut icon iii) iframe element	10	L2	CO3

OR

Q.8 a. Create a HTML5 document for the following screen shot.

Homework Assignments			Exams		Ability to Stay Awake
1	2	3	1	2	
10%	10%	10%	30%	36%	4%

Fig Q8(a)

b. Explain the common formats for webpage bitmap image files with an example.

## Module – 5

Q.9 a. Develop a Javascript code to display "Hello" on webpage using a function.

b. List some of the more popular controls and elements used to implement them.

c. Write a Java Script program that on clicking a button, displays scrolling text which moves from left to right with a small delay.

OR

Q.10 a. Create a webpage containing 3 overlapping images using HTML, CSS and JS. Further when the mouse is over any image, it should be on the top and fully displayed.

b. Explain the text control attributes.

c. Write a short note on reset and focus methods.

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