

CBCS SCHEME

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BPLCK105A

First Semester B.E./B.Tech. Degree Examination, June/July 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				M	L	C
Q.1	a.	Briefly discuss the (X) HTML tags supported in document head.		5	L2	CO1
	b.	Create an XHTML page using tags to accomplish the following : i) A paragraph containing text “Engineering is Fun”. Bold face and italicize this text. ii) Create equation : $X = 1/3 (Y_1^2 + Z_1^2)$.		10	L2	CO1
	c.	Explain the rules of (X) HTML.		5	L2	CO1
OR						
Q.2	a.	Create an XHTML page using tags to accomplish the following : Create unordered list of 5 fruits and ordered list of 3 flowers.		10	L3	CO1
	b.	Describe physical and logical markup.		5	L2	CO1
	c.	Discuss any 3 Myths and Misconception about HTML and XHTML.		5	L2	CO1
Module – 2						
Q.3	a.	Discuss various emerging elements and attributes to support web application.		10	L2	CO2
	b.	Explain the differences between HTML and HTML5.		10	L2	CO2
OR						
Q.4	a.	Summarize briefly different semantics and non semantic elements in HTML5 with example.		10	L2	CO2
	b.	Briefly explain client side graphics with < canvas >.		10	L2	CO2
Module – 3						
Q.5	a.	Describe the purpose and functionality of the text – align , text – transform , text – decoration and text – indent properties in CSS.		10	L2	CO3
	b.	Create a layout for a signup web page using HTML and CSS to demonstrate your understanding of layout techniques.		10	L3	CO3
OR						

Q.6	a.	Create the calculator interface with HTML and CSS.	10	L3	CO3
	b.	Explain the different types of CSS selectors , providing an example for each.	10	L2	CO3
Module – 4					
Q.7	a.	List and briefly describe the common bitmap image file formats used for web pages.	10	L2	CO3
	b.	Explain different href attribute values and their jumping effects.	10	L2	CO3
OR					
Q.8	a.	Write a note on short cut icons and iframe elements with example.	10	L2	CO3
	b.	Explain the importance of responsive web design and analyse how resolution switching works with an example to illustrate the concept.	10	L2	CO3
Module – 5					
Q.9	a.	Develop a webpage using HTML, CSS and Java Script that contains three overlapping images. Ensure that hovering over an image brings it to the top and fully displays it.	10	L3	CO4
	b.	What is a function in Java Script? Describe syntax for a function definition with an example.	10	L2	CO4
OR					
Q.10	a.	Describe the common form controls and elements used in Java Script.	10	L2	CO4
	b.	Demonstrate a Java Script program that uses a function to print the message "Hello World".	10	L3	CO4
