



First Semester B.E./B.Tech. Degree Examination, June/July 2025
Introduction to Web Programming

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.	06	L1	CO1
	b.	List and describe the most common elements used in (X)HTML documents.	08	L2	CO1
	c.	Write an XHTML program to get the following output. <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p align="center"><u>ORDERED LIST</u></p> <p>Ingredients for making Tea</p> <p>a. Sugar</p> <p>b. Tea Powder</p> <p>c. Milk</p> </div>	06	L2	CO1
OR					
Q.2	a.	What is Document Type Definition (DTD)? Write the basic structure of (X)HTML documents derived from the specifications.	08	L3	CO1
	b.	Differentiate between Logical versus Physical markup.	04	L1	CO1
	c.	Explain the following tags, with example : (i) <p> (ii) <i> (iii) (iv) <h>	08	L2	CO1
Module – 2					
Q.3	a.	Why few HTML4 elements removed from HTML5? Give the removed HTML elements list and also CSS alternatives.	10	L2	CO2
	b.	Explain different semantics elements in HTML5, with example.	05	L2	CO2
	c.	Describe the following tags: (i) Canvas (ii) Video	05	L2	CO2
OR					
Q.4	a.	Briefly explain client side graphics with <canvas> .	10	L2	CO2
	b.	Explain emerging elements and attributes to support web applications.	05	L1	CO2
	c.	Describe scaling and rotating in drawing with an example.	05	L2	CO2
Module – 3					
Q.5	a.	Explain various selector forms, with an example.	08	L3	CO3
	b.	Briefly describe various CSS syntax and style in HTML.	06	L2	CO3
	c.	Explain different types of Text properties available in CSS.	06	L1	CO3

OR

Q.6	a.	Describe box, padding and margin properties in CSS, with an example.	10	L3	CO3
	b.	Discuss font-style, font-variant, font-weight properties of CSS, with an example.	10	L3	CO3

Module – 4

Q.7	a.	What is the need of Responsive Web Design (RWD)? Explain resolution switching with an example.	10	L2	CO3																	
	b.	Create a HTML5 document for the following output: <div>The Food Pyramid<table><thead><tr><th rowspan="2">Food Group</th><th colspan="2">Serving Details</th></tr><tr><th>2005 – 2010</th><th>2011 – Present</th></tr></thead><tbody><tr><td>Milk group (Milk, Yogurt, Cheese)</td><td>2 – 3</td><td>3 – 4</td></tr><tr><td>Meat group (Beef, Fish, Beans)</td><td>2 – 3</td><td>5 – 6</td></tr><tr><td>Fruits</td><td>2 – 4</td><td>2 – 4</td></tr><tr><td>Vegetables</td><td>3 – 5</td><td>1 – 2</td></tr></tbody></table></div>	Food Group	Serving Details		2005 – 2010	2011 – Present	Milk group (Milk, Yogurt, Cheese)	2 – 3	3 – 4	Meat group (Beef, Fish, Beans)	2 – 3	5 – 6	Fruits	2 – 4	2 – 4	Vegetables	3 – 5	1 – 2	10	L3	CO3
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OR

Q.8	a.	Illustrate the situation in which webpage designer thinks of CSS rule uses the float property and a value of left or right. Justify how the property and values are useful in such situations.	10	L3	CO3
	b.	Mention and briefly describe the common formats for web page bitmap image files.	05	L2	CO3
	c.	With an example, explain how to link a specified location within a different webpage in HTML5.	05	L2	CO3

Module – 5

Q.9	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.	10	L3	CO4
	b.	Develop a JS program to print “Hello World” message using function.	05	L2	CO4
	c.	Explain text control attributes.	05	L2	CO4

OR

Q.10	a.	Write a JS program that on clicking a button, displays scrolling text which moves from left to right with a small delay.	10	L3	CO4
	b.	Write a note on Document object model.	06	L2	CO4
	c.	Write a note on reset and focus methods.	04	L1	CO4
