

CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

BPLCK105A/BPLCKA105

First Semester B.E./B.Tech Degree Examination, Dec.2023/Jan.2024 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.	List and explain the rules of (X)HTML.	8	L2	CO1																						
	b.	List and explain most common elements used in (X)HTML documents.	8	L2	CO2																						
	c.	Explain the following tags with example : i) <P> ii) iii) br.	4	L2	CO2																						
OR																											
Q.2	a.	What do mean by Document Type Definition (DTD) write the basic structure specification for document type statements?	8	L1	CO1																						
	b.	Discuss the (X)HTML tags supported in document head.	8	L2	CO1																						
	c.	Differentiate between logical versus physical markup.	4	L2	CO1																						
Module – 2																											
Q.3	a.	Why few HTML 4 elements removed from HTML5? Give the removed HTML elements list and also CSS alternatives.	10	L1	CO2																						
	b.	Explain client side graphics with <canvas>.	10	L2	CO2																						
OR																											
Q.4	a.	Use HTML5 for performing following tasks : i) Draw a square using HTML5 SVG fill the square with green color and make 6px brown stroke width. ii) Write the following mathematical expression by using HTML5 MathML $d = x^2 - y^2$.	10	L3	CO2																						
	b.	Explain in detail emerging elements and attributes to support web applications.	10	L2	CO2																						
Module – 3																											
Q.5	a.	With a example explain Box, padding and margin properties in CSS.	8	L2	CO3																						
	b.	Explain the different level of style sheets are available in cascading style sheets.	8	L2	CO3																						
	c.	Explain span and div elements with an example.	4	L2	CO3																						
OR																											
Q.6	a.	Discuss font-style, font-variant, font-weight properties of CSS.	10	L2	CO3																						
	b.	Explain Text-align, Text-decoration, Text-transform and Text-indent properties of CSS.	10	L2	CO3																						
Module – 4																											
Q.7	a.	What is the need of Responsive Design (RWD)? Explain resolution switching with an example.	10	L2	CO4																						
	b.	Crete a HTML5 document for the following table : <div style="text-align: center; margin: 10px 0;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <th colspan="6">Grading weights for web programming</th> </tr> <tr> <th colspan="3">Homework assignments</th> <th colspan="2">Exams</th> <th rowspan="3">Ability to stay awake</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>1</th> <th>2</th> </tr> <tr> <td>10%</td> <td>10%</td> <td>10%</td> <td>30%</td> <td>36%</td> <td>4%</td> </tr> </table> </div>	Grading weights for web programming						Homework assignments			Exams		Ability to stay awake	1	2	3	1	2	10%	10%	10%	30%	36%	4%	10	L3
Grading weights for web programming																											
Homework assignments			Exams		Ability to stay awake																						
1	2	3	1	2																							
10%	10%	10%	30%	36%		4%																					
1 of 2																											

OR

Q.8	a.	Explain different href attribute values and their jumping effects.	8	L2	CO4
	b.	Discuss common formats for Bitmap image files.	8	L1	CO4
	c.	Explain CSS position properties.	4	L2	CO4

Module – 5

Q.9	a.	Explain event handler attributes.	10	L2	CO4
	b.	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

OR

Q.10	a.	Explain how forms are processed in client side and server side. Why server side processing preferable sometimes.	10	L2	CO4
	b.	Write a note on Document object model.	10	L1	CO4
