GUJARAT TECHNOLOGICAL UNIVERSITY
BE- SEMESTER–VI (NEW) EXAMINATION – WINTER 2024

Subject Code:3161012 **Date:28-11-2024**

Subject Name: Web Technology

Time:02:30 PM TO 05:00 PM **Total Marks:70**

Instructions:
1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Simple and non-programmable scientific calculators are allowed.**

			MARKS
Q.1	**(a)**	Give full form of following Acronyms: (a) WWW (b) HTTP (c) XHTML	**03**
	(b)	List and explain various list tags in HTML with example.	**04**
	(c)	What is HTML table? Explain table element with rowspan, colspan, align, valign, cellpadding, cellspacing attributes. Write HTML code to print following table.	**07**

Branch	Boys	Girls	Remarks
EC	46	16	12 are local
CE	28	21	5 are local

Q.2	**(a)**	Differentiate CSS vs HTML.	**03**
	(b)	Differentiate Conventional HTML vs HTML5	**04**
	(c)	Design login page with following detail (a) Login ID (b) Password (c) Login Button(d)Signup and (e) Forgot password link.	**07**

OR

	(c)	What is HTTP? Explain HTTP Request and Response.	**07**
Q.3	**(a)**	How 2D and 3D transitions are done in CSS.	**03**
	(b)	What is CSS? Explain the different types of CSS.	**04**
	(c)	Write CSS code for the following: 1) Set the background color for the hover and active link states to "yellow". 2) Set the list style for unordered lists to "square". 3) Set "paper.gif" as the background image of the page.	**07**

OR

Q.3	**(a)**	Describe CSS Box model.	**03**
	(b)	Write HTML+CSS code to have following effects: 1) Title Line : color=blue, font-style=Calibri , font-size=20, alignment=center 2) Paragram : color=red, font-style=Cambria, font-size=15, alignment=left Title line : History of India	**04**
	(c)	What is positioning in CSS? Explain it with example.	**07**
Q.4	**(a)**	List out some advantages of JavaScript.	**03**
	(b)	Explain any two types of events in Java Script with Example.	**04**
	(c)	What is client-side scripting? Write an HTML and JavaScript program which accepts N as input and print first N odd numbers.	**07**

OR

Q.4	**(a)**	List the data types in Javascript.	**03**
	(b)	Differentiate between Client-Side Scripting and Server-Side Scripting.	**04**
	(c)	Explain pop-up boxes in JavaScript with example.	**07**

Q.5 **(a)** What is use of "break" and "continue" statements in PHP scripts? **03**
(b) Write a PHP program to find whether entered year is leap year or not. **04**
(c) Explain features of PHP. Discuss various types of control statements in PHP. **07**

OR

Q.5 **(a)** Explain date() function in PHP. **03**
(b) Write a PHP script to print first N Fibonacci numbers. **04**
(c) What is CRUD operations with Database in PHP? **07**

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