Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–V (NEW) EXAMINATION – WINTER 2023

Subject Code:3151606   **Date:07-12-2023**
Subject Name:Web Development
Time:10:30 AM TO 01:00 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)	Explain HTTP Request and Response.	03
	(b)	What is Web security? Explain in details.	04
	(c)	Explain how basic and nested tables are created using HTML.	07
Q.2	(a)	Explain types of CSS.	03
	(b)	Write short note on CSS variables.	04
	(c)	Create HTML form (Background Color: Red, Font Color: White, also set image) using CSS.	07
		OR	
	(c)	Create Time Table in HTML form using Table Tag.	07
Q.3	(a)	What is Bootstrap? Why we use it.	03
	(b)	Explain types of JavaScript.	04
	(c)	Write the code of JavaScript to make Pop up box.	07
		OR	
Q.3	(a)	Explain Callbacks in JavaScript.	03
	(b)	Differentiate between the 'BITWISE AND' operator and the 'LOGICAL AND' operator in PHP.	04
	(c)	Write a PHP script to sort the elements of an array.	07
Q.4	(a)	What is session Management?	03
	(b)	Differentiate between for and foreach statements in PHP.	04
	(c)	What is DOM? Explain with example.	07
		OR	
Q.4	(a)	Difference between Server side programming & Client side programming	03
	(b)	Describe in details: Cookie and Session	04
	(c)	What is the use of a constructor function in JavaScript? Explain with suitable example.	07
Q.5	(a)	Write the benefits of JQuery.	03
	(b)	Write the limitations of AJAX.	04
	(c)	Write a program to connect database using PHP. And write query for insert and delete data.	07
		OR	
Q.5	(a)	What are the advantages of AJAX.	03
	(b)	What are the protocols used by AJAX?	04
	(c)	Using JQuery write program to create image slider.	07

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