Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER– VI (NEW) EXAMINATION – WINTER 2021

Subject Code:2160708   **Date:02/12/2021**
Subject Name:Web Technology
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 HTTP Response mechanism over the Internet.	**03**
	(b)	What is the difference between GET and POST methods in form submitting? Give the cases where we can use GET and POST methods	**04**
	(c)	Write various website design issues and explain it.	**07**
Q.2	**(a)**	Give full form of following acronym. 1) HTTP 2) SOAP 3) DTD	**03**
	(b)	What are frames? List out its advantage and disadvantage.	**04**
	(c)	Write HTML and CSS code for the following: (i) Set color of visited link to "green". (ii) Set background color of paragraph to "yellow" (iii) Set list style for unordered lists to "square". (iv) Set "calendar.jpeg" as the repeated background image of the page.	**07**

OR

	(c)	Write a HTML code to design Registration form to collect details of a user such as first name, last name, address, gender, hobby, date of birth (use appropriate input controls)	**07**
Q.3	**(a)**	What is the CSS? Write the use of CSS in website design.	**03**
	(b)	How to display ordered list and unordered list using HTML? Give Example.	**04**
	(c)	List and Explain types of CSS with Example.	**07**

OR

Q.3	**(a)**	How client side scripting languages improve the performance of website?	**03**
	(b)	Write a java script code to find whether given number is prime or not.	**04**
	(c)	Write Java Script to validate email ID and Mobile Number	**07**
Q.4	**(a)**	What is XML? Give purpose and list its features.	**03**
	(b)	How to select an element for apply style in CSS.	**04**
	(c)	Write Well formed XML file to store book information	**07**

OR

Q.4	**(a)**	Define the following with reference to XSL: 1) value-of 2) for-each 3) sort	**03**
	(b)	Explain different types of pop box in JavaScript	**04**
	(c)	Explain the key components of the XML with suitable examples	**07**
Q.5	**(a)**	What is use of "break" and "continue" statements in PHP scripts?	**03**
	(b)	Explain following string functions with example in PHP: ucwords() and strpos()	**04**
	(c)	What is Schema and DTD? Explain it with example.	**07**

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OR

Q.5 **(a)** What is difference between identical and equal to operator in PHP? Give example. **03**

(b) What is SOAP? Explain the role of SOAP in web services **04**

(c) Explain Session & Cookie in PHP with proper example. **07**

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