Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VI (NEW) EXAMINATION – SUMMER 2022

Subject Code:2160708   **Date:08/06/2022**
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.**

Q.1	**(a)**	Enlist the features of Web 2.0.	**03**
	(b)	Write a note on : HTTP.	**04**
	(c)	Briefly discuss : Website Design Principles.	**07**
Q.2	**(a)**	Explain cellpadding, cellspacing and colspan attributes with suitable example.	**03**
	(b)	What is XHTML? Differentiate between HTML and XHTML.	**04**
	(c)	Explain <Form> in HTML with suitable example.	**07**
		OR	
	(c)	Create a HTML form that can accept personal details for Aadhar Enrolment from the user.	**07**
Q.3	**(a)**	Explain use of Prompt dialog box with suitable example.	**03**
	(b)	Write a JavaScript function that takes a string as an argument and checks whether that string is palindrome or not.	**04**
	(c)	Explain types of CSS with suitable example.	**07**
		OR	
Q.3	**(a)**	Explain background-attachment property with all its possible values.	**03**
	(b)	What are the additional features available in CSS3? Discuss in brief.	**04**
	(c)	Write a JavaScript function that can accept an integer number from the user and check whether the number is Armstrong number or not (i.e. Armstrong number is $153 = 1^3 + 5^3 + 3^3$).	**07**
Q.4	**(a)**	Create a XML document to represent the details of Books available in a Library.	**03**
	(b)	Create a DTD for a XML file representing different Televisions available in a show room.	**04**
	(c)	Write a JavaScript function that will read two different Strings with the same length entered in two text fields and produces the third String as given in the example and displays it in the third text field. i.e. String 1 : ABCDEF String 2 : UVWXYZ then String 3: AU BCVW DEFXYZ	**07**
		OR	
Q.4	**(a)**	Explain various Cookie related method available in PHP.	**03**
	(b)	Create a XSD for XML document created to represent details of Books available in a library in Q – 4 (a).	**04**
	(c)	Write XSLT code to display XML document (representing consisting the exam results of HSC students) in a tabular format.	**07**
Q.5	**(a)**	Write PHP code to connect with a MySQL Database.	**03**
	(b)	Write PHP code to upload a Text file on the server.	**04**
	(c)	What is Session? Explain how can you manage session in PHP with example.	**07**

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OR

Q.5 **(a)** Write a PHP code to enlist all the tables available in a Database. **03**

(b) Write a PHP code that will read a text file (containing Student's details separated by semicolon) and display it's content in a tabular format on a webpage. **04**

(c) Write a PHP code that will search a Product's record from the MySQL table and display it on a page (Assume suitable structure of MySQL Database table consisting Product details). **07**

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