GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VI (NEW) EXAMINATION – WINTER 2018

Subject Code:2160708   **Date:30/11/2018**

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.

			MARKS
Q.1	**(a)**	Give full form of following acronym. 1) HTTP 2) SOAP 3) DTD	**03**
	(b)	Explain the points which should be considered for planning a website.	**04**
	(c)	Write HTML code for creating following table.	**07**

January		Febuary
March	1	2
	3	4

Q.2	**(a)**	Explain Ordered list with example.	**03**
	(b)	Differentiate between 1) HTML vs XHTML 2) GET vs POST	**04**
	(c)	Design Login Page HTML. Page must have fields in page Username, Password, Remember Me and Login Button.	**07**
		OR	
	(c)	Design Registration page in HTML.	**07**
Q.3	**(a)**	Explain Meta Tag.	**03**
	(b)	Differentiate between "ID" and "Class" using suitable example.	**04**
	(c)	List and Explain types of CSS with Example.	**07**
		OR	
Q.3	**(a)**	Draw and Explain Web Browser Architecture.	**03**
	(b)	Explain pop-up boxes in JavaScript with example.	**04**
	(c)	Write Java Script to validate Mobile Number. 1) Entered value must be numeric 2) 10 digit length	**07**
Q.4	**(a)**	Write the difference between Client Side Scripting and Server Side Scripting.	**03**
	(b)	Explain any two types of events in Java Script with Example.	**04**
	(c)	Write Java Script for find first 10 prime numbers.	**07**
		OR	
Q.4	**(a)**	Explain DTD (Document Type Definition).	**03**
	(b)	Explain following XSL Elements with suitable example. 1) value-of 2) sort	**04**
	(c)	Write Well formed XML file to store student information.	**07**

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Q.5 **(a)** Explain the Document Object Model with example. **03**

(b) Write a PHP program to find whether entered year is leap year or not. **04**

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

OR

Q.5 **(a)** Explain Browser detection PHP with Example. **03**

(b) How to write in PHP? Explain with example **04**

(c) Explain database connectivity in PHP with example. **07**