

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									
		<table><tr><td colspan="2">January</td><td>Febuary</td></tr><tr><td>March</td><td>1</td><td>2</td></tr><tr><td></td><td>3</td><td>4</td></tr></table>	January		Febuary	March	1	2		3	4	
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									

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