GUJARAT TECHNOLOGICAL UNIVERSITY
BE- SEMESTER–VI (NEW) EXAMINATION – WINTER 2020

Subject Code:2160708   **Date:29/01/2021**

Subject Name:Web Technology

Time:02:00 PM TO 04:00 PM   **Total Marks: 56**

Instructions:
1. Attempt any FOUR questions out of EIGHT questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

			MARKS
Q.1	**(a)**	What is HTTP? How do browser and server communicate using HTTP request and response?	**03**
	(b)	Explain different design issues at the time of designing an effective website.	**04**
	(c)	Create HTML Page for following features: 1.Create an unordered list 2.Create an ordered list 3.Use various bullet styles 4.Created nested lists 5.Use the font tag in conjunction with lists 6.Create definition lists 7.Use graphics as bullets	**07**
Q.2	**(a)**	Give the difference between Client side Scripting and Server Side Scripting.	**03**
	(b)	Explain with example frames in HTML.	**04**
	(c)	Explain different ways to write the CSS with example.	**07**
Q.3	**(a)**	What is well-formed XML document?	**03**
	(b)	Draw and explain architecture of web browser.	**04**
	(c)	Write a PHP script to open, close, read and write into a file.	**07**
Q.4	**(a)**	List some advantages of javascript.	**03**
	(b)	Explain the importance of XML in web applications. What are the advantages of XML over HTML?	**04**
	(c)	What are the different types of arrays in PHP? Explain with example to process the arrays in PHP.	**07**
Q.5	**(a)**	Explain DHTML with example.	**03**
	(b)	Explain in brief about XSL and XSLT with example.	**04**
	(c)	Explain features of PHP? Discuss various types of control statements in PHP.	**07**
Q.6	**(a)**	What are the key components of XML?	**03**
	(b)	Explain database connectivity in PHP with example.	**04**
	(c)	What is query string? How is it transmitted to the server with the GET and POST methods?	**07**

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Q.7	**(a)**	What do you mean by meta tags? Show their meaning and use with example.	**03**
	(b)	Explain XML schema and DTD.	**04**
	(c)	What are cookies and sessions in PHP? How can you create, access and delete a cookie in PHP with the help of an example.	**07**

Q.8	**(a)**	How XHTML and HTML differ from each other?	**03**
	(b)	What is web service? Explain the role of SOAP in web services.	**04**
	(c)	Write a JavaScript to check input string is palindrome or not.	**07**

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