

**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.

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

<b>Q.7</b>	<b>(a)</b> What do you mean by meta tags? Show their meaning and use with example.	<b>03</b>
	<b>(b)</b> Explain XML schema and DTD.	<b>04</b>
	<b>(c)</b> What are cookies and sessions in PHP? How can you create, access and delete a cookie in PHP with the help of an example.	<b>07</b>
<b>Q.8</b>	<b>(a)</b> How XHTML and HTML differ from each other?	<b>03</b>
	<b>(b)</b> What is web service? Explain the role of SOAP in web services.	<b>04</b>
	<b>(c)</b> Write a JavaScript to check input string is palindrome or not.	<b>07</b>

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