

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

- 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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