

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2021****Subject Code:2160708****Date:06/08/2021****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) Define : 1) Internet 2) Web browser 3) Web Server **03**  
 (b) Explain features of Web 2.0 **04**  
 (c) What is HTTP? How do browser and server communicate using HTTP request and response? Explain with example. **07**

- Q.2** (a) Explain any two website design issues. **03**  
 (b) Write the Difference between POST and GET methods. **04**  
 (c) What is navigation? Discuss the characteristics of effective navigation. Also write code of html page to open a link in a new browser window. **07**

**OR**

- (c) What is HTML table? Explain table element with necessary attributes. Give the code to print following table. **07**

Date	Exam Time table		
	CE/IT	EC	EE
30/11/2018	WT	VLSI	HVE
04/12/2018	CG	OC	ED/CAD

- Q.3** (a) Differentiate session and cookies in PHP. **03**  
 (b) Write the Difference between HTML and XML. **04**  
 (c) Explain the Document Object Model. Explain any two document object with example. **07**

**OR**

- Q.3** (a) Explain following html tags with proper example. (Any Three) **03**  
 1. <input> 2. <span> 3. <form> 4. <frameset>  
 (b) Write an XML file to store your semester marksheet. **04**  
 (c) What is CSS? Explain the different types of CSS. **07**

- Q.4** (a) What is the difference between Class and Id selector? **03**  
 (b) What are the differences between client side and server side scripting language? **04**  
 (c) Write PHP code which print factorial of 5. **07**

**OR**

- Q.4** (a) Explain ordered and unordered list with example. **03**  
 (b) What is java Script? Explain characteristics of Java Script. **04**  
 (c) Write PHP code to check the number is even or odd. **07**

- Q.5** (a) Write a javascript to accept a number to check whether it is greater than 100 or not? **03**  
 (b) Explain different array sorting functions in PHP with examples. **04**  
 (c) Define the following with reference to XSL **07**  
 (i) value-of (ii) if (iii) for-each (iv) sequence (v) sort (vi) XSL-FO (vii) XPath

**OR**

- Q.5** (a) Explain different types of Pop-box in javascript. **03**  
 (b) What is DTD? Give and explain the sample DTD. **04**  
 (c) What is PHP MyAdmin? What are the features of PHP MyAdmin? Explain PHP MyAdmin Database Management. **07**