

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE – SEMESTER- V EXAMINATION-SUMMER 2023****Subject Code: 3151606****Date: 26/06/2023****Subject Name: Web Development****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.
4. Simple and non-programmable scientific calculators are allowed.

		Marks
<b>Q.1</b>	(a) Explain CORS.	<b>03</b>
	(b) Define: Bootstrap for CSS	<b>04</b>
	(c) How many types of lists are supported by HTML? Explain each one in brief.	<b>07</b>
<b>Q.2</b>	(a) Explain web security.	<b>03</b>
	(b) Define term: Padding and Margins.	<b>04</b>
	(c) Discuss the different form attributes and design a simple form to register employee including employee no, name, qualification, email, mobile number, gender, hobbies, and address and also create two buttons submit and reset.	<b>07</b>
	<b>OR</b>	
	(c) Explain Different types of CSS with example.	<b>07</b>
<b>Q.3</b>	(a) Define term: DOM	<b>03</b>
	(b) Explain JSON with example.	<b>04</b>
	(c) Write a JavaScript to validate email address entered by user.	<b>07</b>
	<b>OR</b>	
<b>Q.3</b>	(a) Differentiate between Client-Side Scripting and Server-Side Scripting.	<b>03</b>
	(b) Explain pop-up boxes in Java-Script with example.	<b>04</b>
	(c) Explain event handling in JavaScript with proper example.	<b>07</b>
<b>Q.4</b>	(a) Explain Browser detection PHP with Example.	<b>03</b>
	(b) Explain Array in PHP with example.	<b>04</b>
	(c) Explain database connectivity in PHP with example.	<b>07</b>
	<b>OR</b>	
<b>Q.4</b>	(a) How to write in PHP? Explain with example.	<b>03</b>
	(b) Differentiate Cookie and Session.	<b>04</b>
	(c) Write a PHP program to store student registration (student-name, address, Date of Birth, age, Aadhar card number, semester) with MySQL database.	<b>07</b>
<b>Q.5</b>	(a) Explain Browser detection PHP with Example.	<b>03</b>
	(b) Write a PHP program to find whether entered year is leap year or not.	<b>04</b>
	(c) Explain API development concept in PHP.	<b>07</b>
	<b>OR</b>	
<b>Q.5</b>	(a) Define Exception Handling in PHP.	<b>03</b>
	(b) Define term: Hidden fields and Query string	<b>04</b>
	(c) What are the selectors in jQuery? How many types of selectors in jQuery? Explain it in detail.	<b>07</b>