

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI EXAMINATION – SUMMER 2025****Subject Code: 3160713****Date: 04-06-2025****Subject Name: Web Programming****Time: 10:30 AM TO 01:00 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
Q.1	(a) Differentiate GET and POST method.	03
	(b) What is HTTP? Explain HTTP Request and Response.	04
	(c) Explain the points which should be considered for planning a website and also different design issue at the time of designing an effective website.	07
Q.2	(a) What is navigation? List the characteristics of effective navigation.	03
	(b) Explain following html tags with proper example. 1. 2. <frameset>	04
	(c) Explain different ways to write the CSS with example.	07
	OR	
	(c) What is HTML form tag? Explain the different form attributes and design a simple form to register student including name, roll no., semester, email, mobile number, gender, hobbies, and feedback, and also create two buttons submit and reset.	07
Q.3	(a) Explain pop-up boxes in Java-Script with example.	03
	(b) Write Java Script to validate Mobile Number. 1) Entered value must be numeric 2) 10 digit length	04
	(c) What is JavaScript event handling? List the major events and show use of at least one event by writing JavaScript code.	07
	OR	
Q.3	(a) Explain Session & Cookie in PHP.	03
	(b) Write a PHP script to print following pattern: 1 1 0 1 0 1 0 1 0 1 1 0 1 0 1	04
	(c) What is PHP Form processing? Write an HTML and PHP program which accepts N as input and print N Fibonacci numbers as list.	07
Q.4	(a) What is use of “break” and “continue” statements in PHP scripts?	03
	(b) Write an HTML and JavaScript program which accepts N as input and print N is odd or even number.	04
	(c) What is document object model? Explain any two objects with example.	07
	OR	
Q.4	(a) Differentiate synchronous and asynchronous web programming.	03
	(b) What are web services? Explain role of SOAP in Web services.	04
	(c) Write a PHP script to open, close, read and write into a file.	07

- Q.5** (a) Explain callbacks in JavaScript. **03**
(b) Explain the use of following arrays in PHP. **04**
1) \$_REQUEST [] 2) \$_SERVER []
(c) What is PHP? How can you connect to database in PHP? Show the simple database operation using PHP with proper example. **07**

OR

- Q.5** (a) Explain Regular Expression in PHP. **03**
(b) What is JQuery? What are the advantages of JQuery? **04**
(c) Write HTML and PHP program to read and store book information such as book id, title, author and price from database table. Output the data to a webpage in tabular format. **07**
