

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2023****Subject Code:3161012****Date:10-07-2023****Subject Name:Web Technology****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) What is server? Explain types of servers.	03
	(b) List and explain the website design principles.	04
	(c) Explain the points which should be considered for planning a website.	07
Q.2	(a) What is HTML attribute? Explain the function of any attribute with an example.	03
	(b) Explain following HTML tags with example (i) <select> (ii) <pre>	04
	(c) Design Login Page in HTML. Page must have fields in page Username, Password, Remember Me and Login Button.	07
	OR	
	(c) What is HTML List? What are the types of HTML List? Explain each with HTML coded example.	07
Q.3	(a) Write the difference between Client-Side Scripting and Server-Side Scripting	03
	(b) Write a JavaScript, that uses a loop, that searches a word in sentence held in an array, returning the index of the word.	04
	(c) Design a form using HTML and JavaScript that asks the user to enter his date of birth and on clicking the Calculate Button it calls the function that calculates how many days are left in your birthday?	07
	OR	
Q.3	(a) List some advantages of JavaScript.	03
	(b) Write a java script code to find whether given number is prime or not.	04
	(c) Explain pop-up boxes in JavaScript with examples.	07
Q.4	(a) Explain CSS position property.	03
	(b) What is the meaning of cascading? How do style sheets cascade?	04
	(c) What is CSS Pseudo-elements and Pseudo-classes? Explain with the example. List different Media types in CSS.	07
	OR	
Q.4	(a) What is the float property used for in CSS?	03
	(b) How to integrate CSS on a web page?	04
	(c) Explain the CSS Box Model and its different elements.	07
Q.5	(a) Explain require () and include () functions in PHP.	03
	(b) Explain session in PHP with example.	04
	(c) Write PHP code to read data from a text file and display it in browser.	07
	OR	
Q.5	(a) Write a php program to display today's date in dd-mm-yyyy format.	03
	(b) Explain index and associative arrays in PHP.	04
	(c) Explain database connectivity in PHP with example.	07