

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER-VI (NEW) EXAMINATION – WINTER 2024

Subject Code:3160713

Date:02-12-2024

Subject Name:Web Programming

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
Q.1 (a) Give the full form of the following acronym. (i)WWW (ii)HTTP (iii)URL	03
(b) Explain the HTML List tag with example.	04
(c) List and explain types of CSS using suitable example.	07
Q.2 (a) What is Bootstrap? Why we use it.	03
(b) List and explain the website design issues.	04
(c) Explain frameset and frame tag with proper example.	07
OR	
(c) List and explain CSS selectors.	07
Q.3 (a) Explain Callbacks in JavaScript.	03
(b) Demonstrate functionality of following java script methods: substring, Slice, getDate, charAt	04
(c) Write a java script to find whether entered number by user is Prime or Not.	07
OR	
Q.3 (a) What is JavaScript? Discuss advantages of JavaScript.	03
(b) Explain error handling in JavaScript.	04
(c) Write a JavaScript program that accepts N as input and prints the first N odd numbers.	07
Q.4 (a) Explain Regular Expression in PHP.	03
(b) Differentiate between for and foreach statements in PHP.	04
(c) Develop a PHP Code which read student enrollment number and display student information from mysql database when user submit page.	07
OR	
Q.4 (a) Interpret PHP Function: Implode and Explode.	03
(b) Differentiate Cookie and Session.	04
(c) Write PHP program to store student registration data with mysql database.	07
Q.5 (a) Differentiate GET and POST methods	03
(b) Discuss jQuery Selectors with suitable example.	04
(c) Write a PHP script to sort the elements of an array.	07
OR	
Q.5 (a) Describe the role of the XMLHttpRequest object in AJAX.	03
(b) Differentiate synchronous and asynchronous web programming.	04
(c) Write a php code to upload file on server and display file details on the page.(Ex. File name, Extension, File Size)	07
