

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE – SEMESTER- V EXAMINATION-SUMMER 2023

Subject Code: 3154205

Date: 28/06/2023

Subject Name: Web Application 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
Q.1	(a) Differentiate between GET and POST method.	03
	(b) Explain JSON in detail.	04
	(c) What is HTTP? Explain how browser and server communicate using HTTP request and response.	07
Q.2	(a) Explain ordered list and unordered list in HTML.	03
	(b) What is positioning in CSS?	04
	(c) What is rowspan and colspan used in HTML? Give examples.	07
OR		
	(c) Create HTML Form for SIGNUP with details like First name, Last Name, Username, Password, Confirm Password, Date of Birth.	07
Q.3	(a) What is Bootstrap?	03
	(b) What is CSS? What is the importance of CSS? List out the different ways to write CSS.	04
	(c) What is document object model? Explain any two objects with example.	07
OR		
Q.3	(a) Define SEO.	03
	(b) Explain meta tag? How it is useful by search engine?	04
	(c) What do you mean by “class” and “id” in CSS? Explain with Example.	07
Q.4	(a) Explain callbacks in JavaScript.	03
	(b) State the difference between Margin and Padding. Explain it with example.	04
	(c) Write a Javascript program to Count the Number of Vowels in a string.	07
OR		
Q.4	(a) Explain Regular Expression in PHP.	03
	(b) Describe any four php array function.	04
	(c) Write PHP program to create simple Login and Logout using sessions.	07
Q.5	(a) Discuss Java script alert, prompt, confirm with example.	03
	(b) Write a PHP script to print following pattern: \$ \$\$ \$\$\$ \$\$\$\$ \$\$\$\$\$	04

(c) What is Cookie? How can we handle cookies in PHP? **07**

OR

Q.5 (a) What is JQuery? What are the advantages of JQuery? **03**

(b) Differentiate synchronous and Asynchronous web programming. **04**

(c) Write a code using PHP, HTML and MySQL for Students that stores Enrollment No, Name, Branch, Email id, Contact Number etc. in database. Create proper GUI including buttons that run separate .php file for each database operation like insert, delete, update etc. **07**
