GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–V (NEW) EXAMINATION – SUMMER 2024

Subject Code:3151606   **Date:18-05-2024**
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.**

Q.1	**(a)**	Explain basic structure of HTML.	**03**
	(b)	Discuss advantageous and disadvantageous of JavaScript.	**04**
	(c)	What is CSS? Explain different types of CSS. List out advantages and disadvantages of CSS.	**07**
Q.2	**(a)**	Prepare a PHP Code to read and write content from File.	**03**
	(b)	Explain the architecture of Web Browser	**04**
	(c)	Create HTML Form for BE 1st year student registration which includes all personal details.	**07**
		OR	
	(c)	Write a php code to create REST API to display the user details from database and display data in form of JSON.	**07**
Q.3	**(a)**	Define term: JQUERY	**03**
	(b)	Explain Callback function in JavaScript with example.	**04**
	(c)	Write a php code to calculate the number of days between to two input dates if the difference is even number then render background color as blue or red.	**07**
		OR	
Q.3	**(a)**	Explain ordered and unordered list with example.	**03**
	(b)	What do you mean by "class" and "id" in CSS? Explain with an example.	**04**
	(c)	Elaborate HTTP Protocol Header, HTTP Request and HTTP Response.	**07**
Q.4	**(a)**	Define term: Boot Strap for CSS.	**03**
	(b)	Differentiate GET and POST methods.	**04**
	(c)	Prepare a java script solution to validate registration form including email address entered by user.	**07**
		OR	
Q.4	**(a)**	Write short note on "JSON"	**03**
	(b)	Describe any four php array function.	**04**
	(c)	Prepare a PHP Code to manage online shopping cart using session.	**07**
Q.5	**(a)**	Define term: AJAX	**03**
	(b)	Differentiate Cookie and Session.	**04**
	(c)	Prepare a java script to find whether entered number by user is Prime or Not.	**07**

OR

Q.5	**(a)**	Explain the need of web server and web browser.	**03**
	(b)	Describe web design issues. How developer can design website effectively?	**04**
	(c)	What are objects in Java Script? Explain properties, methods and event of window object of Java Script.	**07**

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