GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–V (NEW) EXAMINATION – WINTER 2022

Subject Code:3151606   **Date:06-01-2023**
Subject Name:Web Development
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)**	Define term : WWW	**03**
	(b)	Explain the Architecture of Web Browser.	**04**
	(c)	Elaborate HTTP Protocol Header, HTTP Request and HTTP. Response	**07**
Q.2	**(a)**	Define term: SEO	**03**
	(b)	Explain ordered and unordered list with example.	**04**
	(c)	Give the difference between Client side Scripting and Server Side Scripting.	**07**
		OR	
	(c)	What is selector class ? Explain the pseudo class selector in CSS with example.	**07**
Q.3	**(a)**	What is meta tag? How it is useful by search engine?	**03**
	(b)	What is Cascading Style Sheet? Compare inline, embedded and external style sheet with example	**04**
	(c)	Define Frameset, Frame Tag. Divide the web page into four equal parts each individual part displays different web page.	**07**
		OR	
Q.3	**(a)**	Write CSS code for the following: i) set the background color for the hover and active link states to "yellow". ii) Set the list style for unordered lists to "square". iii) Set "paper.gif" as the background image of the page.	**03**
	(b)	Explain Wildcard Selectors (*, ^ and $) in CSS.	**04**
	(c)	Write an HTML and JavaScript program which accepts N as input and print first N odd numbers.	**07**
Q.4	**(a)**	Define term : JSON	**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 example.	**07**
		OR	
Q.4	**(a)**	Interpret PHP Function: Implode and Explode	**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**
Q.5	**(a)**	Define term: JQUERY	**03**
	(b)	Prepare a PHP Code to read and write content from File.	**04**
	(c)	Prepare a PHP Code to manage online shopping cart using session.	**07**

OR

Q.5 (a) Define term: AJAX **03**

(b) Differentiate Cookie and Session. **04**

(c) Develop a web page which contains two list box. First list ask to select **07**
State and according to state selection second list box loads name of city.
Develop it using AJAX.

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