GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–V (NEW) EXAMINATION – WINTER 2021

Subject Code:3151606   **Date:01/01/2022**

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)**	Define term : WWW	**03**
	(b)	List out any four HTML Tag and describe their functionality.	**04**
	(c)	Elaborate HTTP Protocol Header, HTTP Request and HTTP Response	**07**
Q.2	**(a)**	Define term: SEO	**03**
	(b)	Write full form of CSS. Describe types and advantages of CSS.	**04**
	(c)	Create HTML Form for BE 1st Year Student registration which includes all personal details.	**07**

OR

	(c)	Explain term: Class, ID, Wild card selectors, Media Queries for CSS.	**07**
Q.3	**(a)**	Define term: Boot Strap for CSS	**03**
	(b)	Write java script function to find maximum value among three different value entered by user.	**04**
	(c)	Develop a PHP Code which read stock code and display stock information when user submit page.	**07**

OR

Q.3	**(a)**	Define term: JSON	**03**
	(b)	Describe any four php array function.	**04**
	(c)	Develop a PHP Code which read employee code, year and month. On submit button press, it generates salary slip for that month-year for that employee.	**07**
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**

OR

Q.4	**(a)**	Discuss Java script alert, prompt, confirm with example.	**03**
	(b)	Demonstrate functionality of following java script methods: substring, Slice, getDate, charAt	**04**
	(c)	Prepare a java script to find whether entered number by user is Prime or Not.	**07**

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 State and according to state selection second list box loads name of city. Develop it using AJAX.	07

OR

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

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