Seat No.: _____   Enrolment No._____

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**

<div align="center">OR</div>

	(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**

<div align="center">OR</div>

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**

<div align="center">OR</div>

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

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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