GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VI (NEW) EXAMINATION – SUMMER 2022

Subject Code:3160713   **Date:08/06/2022**

Subject Name:Web Programming

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)**	Give full name of following acronym. 1) WWW 2) CSS 3) AJAX	**03**
	(b)	Explain different design issue at the time of designing an effective website.	**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)	Explain following html tags with proper example.
		    1. \<img\>
		    2. \<frameset\>
			04

	(c)	What is rowspan and colspan used in HTML? Give examples.	**07**
		OR	
	(c)	What do you mean by "class" and "id" in CSS? Explain with Example.	**07**
Q.3	**(a)**	Explain HTML media tags.	**03**
	(b)	What is positioning in CSS?	**04**
	(c)	What is document object model? Explain any two objects with example.	**07**
		OR	
Q.3	**(a)**	What is Bootstrap?	**03**
	(b)	What is CSS? Explain the different types of CSS.	**04**
	(c)	What is JavaScript event handling? List the major events and show use of at least one event by writing JavaScript code.	**07**
Q.4	**(a)**	Explain callbacks in JavaScript.	**03**
	(b)	Write an HTML and JavaScript program which accepts N as input and print N is odd or even number.	**04**
	(c)	What are the different types of arrays in PHP? Explain with examples.	**07**
		OR	
Q.4	**(a)**	Differentiate Client side scripting and Server side scripting.	**03**
	(b)	Explain file uploads in PHP.	**04**
	(c)	What is PHP Form processing? Write an HTML and PHP program which accepts N as input and print N Fibonacci numbers as list.	**07**
Q.5	**(a)**	Explain Regular Expression in PHP.	**03**
	(b)	How prepared Statement is executed in PHP?	**04**
	(c)	What is Cookie? How can we handle cookies in PHP?	**07**

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

   (b)   State the difference between synchronous and asynchronous web programming.   **04**

   (c)   Write HTML and PHP program to read and store book information such as book id, title, author and price from database table. Output the data to a webpage in tabular format.   **07**

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