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

Subject Code:3161012   **Date:06/06/2022**
Subject Name:Web Technology
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)**	What is HTTP? How server and client communicate using HTTP?	**03**
	(b)	Sketch and Describe architecture of web browser	**04**
	(c)	Enlist website design principles.	**07**
Q.2	**(a)**	Describe with example : (1) ID (2) Class	**03**
	(b)	Describe DOM structure of HTML.	**04**
	(c)	Design login page with following detail (a) Login ID (b) Password (c) Login Button	**07**

OR

	(c)	Describe following HTML Tag. (1) \<b> (2) \<body> (3) \<div> (4) \<script>	**07**
Q.3	**(a)**	How to add image in HTML page? Describe with example.	**03**
	(b)	Describe concept of ordered list and unordered list with example.	**04**
	(c)	How to add table in HTML page? Write HTML code to enter following data in tabular format.	**07**

Name	Roll No	Marks	Status
Rajesh	55	22	Fail
Anil	59	56	Pass
Ramesh	61	50	Pass

OR

Q.3	**(a)**	How to change the font size in HTML document? Describe with example.	**03**
	(b)	Write HTML+CSS code to have following effects: (1) Title Line : color=blue, font-style=Calibri , font-size=20, alignment=center (2) Paragram : color=red, font-style=Cambria, font-size=15, alignment=left Title line : WEB TECHNOLOGY	**04**
	(c)	Write HTML code to display your resume on web-page.	**07**
Q.4	**(a)**	Describe event in Javascript. Explain any one with example.	**03**
	(b)	Write Javascript code to print following pattern. Number of row is taken runtime. * * * * * * * * * *	**04**
	(c)	Write Javascript code to validate 10 digit mobile number.	**07**

OR

Q.4	(a)	Differentiate client-side and server-side programming.	**03**
	(b)	Write Javascript code to print Fibonacci series	**04**
	(c)	Write Javascript code to validate password with following requirements	**07**

        (1) Password must have one small letter, one capital letter, one digit and one special character

        (2) Password must not have white space

        (3) Length must be greater than 8 characters.

Q.5	(a)	Describe features of PHP	**03**
	(b)	Differentiate equality and identical operator in PHP.	**04**
	(c)	Write PHP code to read information from File1.txt and write on File2.txt.	**07**

OR

Q.5	(a)	Describe various types of control statements in PHP	**03**
	(b)	Describe associative array in PHP.	**04**
	(c)	Write PHP code to store user data (Name, Mobile Number) with mysql database	**07**

****