

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI (NEW) EXAMINATION – WINTER 2023****Subject Code:3161012****Date:07-12-2023****Subject Name:Web Technology****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.

**MARKS**

- Q.1** (a) Describe planning of the website and its navigation. **03**  
 (b) Explain following html tags with proper example. (any two) **04**  
 1. <ol> 2. <a> 3. <p>

- (c) Describe web design issues. How developer can design website effectively? **07**

- Q.2** (a) Explain new elements in HTML5. **03**  
 (b) Discuss frames in HTML. **04**  
 (c) Discuss about HTML form tag. Give names of different form attributes and create a student feedback form (use textbox, text area, checkbox, radio button, select box etc.) **07**

**OR**

- (c) What is HTML table? Explain table element rowspan and colspan with necessary attributes. Write HTML code to print following table. **07**

A		B		C	
p	q	r	s	t	u

- Q.3** (a) Explain importance of CSS. Write the syntax for defining CSS. **03**  
 (b) Explain BOX Model in CSS. **04**  
 (c) List different font properties in CSS and explain it with suitable examples. **07**

**OR**

- Q.3** (a) Explain different types of CSS. **03**  
 (b) Illustrate advantages and limitations of CSS. **04**  
 (c) Write and explain Border and Padding properties in CSS along with suitable examples. **07**

- Q.4** (a) Explain nested loops in JavaScript. **03**  
 (b) List different text properties in CSS and explain any two of them with suitable example. **04**  
 (c) Write a JavaScript code to find out factorial of the given number. **07**

**OR**

- Q.4** (a) List out the salient Features of CSS 3.0. **03**  
 (b) Explain JavaScript Functions. **04**

(c) Write a JavaScript code to find out whether the given number is a Palindrome or not. **07**

**Q.5** (a) State the difference between session and cookie in PHP. **03**

(b) Describe CRUD operations with reference to database in PHP. **04**

(c) Explain arrays in PHP. **07**

**OR**

**Q.5** (a) What PHP can do with header() command? **03**

(b) Differentiate identical and equal operator in PHP. **04**

(c) Explain string functions in PHP. **07**

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