

GUJARAT TECHNOLOGICAL UNIVERSITY**BE- SEMESTER-VI EXAMINATION – WINTER 2025****Subject Code:3161012****Date:19-11-2025****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) What is HTML? Explain basic structure of a simple HTML document. **03**
 (b) Explain HTML headings with examples. **04**
 (c) What is an HTML tag? Explain the following HTML tags: `<h1>`, `<p>`, `<a>`, ``, `
`, `<body>` **07**

Q.2 (a) What is an HTML element? Explain HTML element with the help of an example. **03**
 (b) Draw and Explain Architecture of Web Browser. **04**
 (c) Explain different design issues involved in designing an effective website. **07**

OR

(c) What is HTML attributes? Explain href, style and src attributes with an example. **07**

Q.3 (a) Which are the points to be considered for planning a website? **03**
 (b) Design an HTML form for user registration. **04**
 (c) What is CSS? Explain the three different types of CSS with example. **07**

OR

Q.3 (a) Explain: Absolute URL, Relative URL **03**
 (b) Write HTML and CSS code for the following: **04**
 (i) Set color of visited link to "green".
 (ii) Set background color of paragraph to "yellow"
 (c) Explain how to create a Table in HTML page. Write HTML code to print the table. **07**

Q.4 (a) Compare Server side scripting vs. Client side scripting. **03**
 (b) Explain Ordered and Unordered lists with examples. **04**
 (c) What do you mean by event in JavaScript? Give two examples of events with their handling. **07**

OR

Q.4 (a) Discuss any three ways to declare JavaScript variable. **03**
 (b) List out types of JavaScript operators. **04**
 (c) List out and explain conditional statements in PHP. **07**

Q.5 (a) What is PHP? List out few features of PHP. **03**
 (b) Write a JavaScript to check input string is palindrome or not. **04**
 (c) Explain the operators supported by PHP. **07**

OR

Q.5 (a) List out types of arrays supported by PHP. Explain any one in detail. **03**
(b) Write a JavaScript program to validate an Email address. **04**
(c) Discuss data types supported by PHP. **07**
