

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

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|------------|---|-----------|
| 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

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|------------|-----|---|-----------|
| 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 |
