

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V EXAMINATION – SUMMER 2025****Subject Code:3151606****Date:15-05-2025****Subject Name:Web Development****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) | Discuss HTTP request format with example. | 03 |
| (b) | Draw and explain architecture of the web browser. | 04 |
| (c) | What is cascading style sheet? List out different ways of selector in CSS and explain pseudo class selector in detail. | 07 |

- Q.2**
- | | | |
|-----|---|-----------|
| (a) | What is CORS (Cross-Origin Resource Sharing)? | 03 |
| (b) | List out different category of property in CSS. Explain List property with example. | 04 |
| (c) | Write html code to create your class time table using table tag. | 07 |

OR

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|-----|--|-----------|
| (c) | What is CSS Box Model? Write CSS code to implement following output.
1) Make an ordered list with green border, padding and font size 20.
2) Use flower.jpg as Background and repeat it.
3) Change background color of text box when focused. | 07 |
|-----|--|-----------|
- Q.3**
- | | | |
|-----|--|-----------|
| (a) | Write a JavaScript function to calculate sum of given three numbers. | 03 |
| (b) | Write an example of a simple HTML form that includes text input, radio buttons, and a submit button. | 04 |
| (c) | Show the use of regular expression in JavaScript to validate the email address with example. | 07 |

OR

- Q.3**
- | | | |
|-----|---|-----------|
| (a) | Discuss java script alert, prompt, confirm with example. | 03 |
| (b) | Write java script function to find maximum value among three value entered by user. | 04 |
| (c) | Write java script function to display prime numbers among 1 to 100 using loop. | 07 |
- Q.4**
- | | | |
|-----|--|-----------|
| (a) | Discuss array in java script. | 03 |
| (b) | Write a PHP code to calculate the number of days between to two input dates. | 04 |
| (c) | What is Document Object Model? Discuss different ways of DOM to access HTML element value. | 07 |

OR

- Q.4**
- | | | |
|-----|--|-----------|
| (a) | Write a code to validate user input using jQuery. | 03 |
| (b) | Write a PHP code to create REST API to display the user details from database. | 04 |
| (c) | Write PHP program to store user registration with mysql database. | 07 |
- Q.5**
- | | | |
|-----|---|-----------|
| (a) | Write a PHP code to read data from JSON object and display it in table. | 03 |
| (b) | Write code to create drop-down list using jQuery. | 04 |
| (c) | Explain in brief AJAX and JQUERY. | 07 |

OR

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|------------|------------|---|-----------|
| Q.5 | (a) | Discuss associative array in PHP. | 03 |
| | (b) | Differentiate Cookie and Session in PHP. | 04 |
| | (c) | Write PHP code to perform CRUD operation using PHP. | 07 |
