

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI EXAMINATION – SUMMER 2025****Subject Code:2160708****Date:28-05-2025****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) | List and explain the website design principles. | 03 |
| (b) | Explain frames with its advantages and disadvantages. | 04 |
| (c) | Explain any three attributes of <Table> Tag in HTML
. Write code to display following table. | 07 |

A		B
C	D	
E		

- Q.2**
- | | | |
|-----|---|-----------|
| (a) | XHTML is stricter language than HTML. Justify | 03 |
| (b) | What is CSS? Explain the different types of CSS. | 04 |
| (c) | Write a form to collect details of a user such as name, address, radio button to choose subject of book he wants to buy, Dropdown to choose favorite author and comments for the last book he read. | 07 |

OR

- | | | |
|-----|--|-----------|
| (c) | Write an HTML snippet with CSS for following effects
1. link: after visited red color and before visited blue color
2. table with odd rows blue and even rows green color.
3. Text color-green, Text case-uppercase | 07 |
|-----|--|-----------|

- Q.3**
- | | | |
|-----|---|-----------|
| (a) | Give the difference between Client Side Scripting and Server Side Scripting | 03 |
| (b) | What is Cascading Style Sheet? Compare inline, embedded and external style sheet with example | 04 |
| (c) | Explain the Document Object Model. Explain any two document object with example. | 07 |

OR

- Q.3**
- | | | |
|-----|---|-----------|
| (a) | Write the Difference between HTML and XML | 03 |
| (b) | Write the rules for well formed XML document. | 04 |
| (c) | Write an XML file to store your semester marksheet. | 07 |

- Q.4**
- | | | |
|-----|--|-----------|
| (a) | What is the difference between Class and Id selector? | 03 |
| (b) | Difference between XSD Simple element and XSD Complex element. | 04 |
| (c) | Write PHP code to check the number is even or odd. | 07 |

OR

- Q.4** (a) List features of Web 2.0. **03**
(b) Write a JavaScript program to validate an Email address. **04**
(c) Write PHP code which print factorial of 5 **07**

- Q.5** (a) Explain different types of Pop-box in javascript **03**
(b) Explain cookies in PHP with proper example **04**
(c) Write an application using PHP and HTML to upload a file from the user on the web server. **07**

OR

- Q.5** (a) Write a javascript to accept a number to check whether it is greater than 200 or not? **03**
(b) Explain different array sorting functions in PHP with examples. **04**
(c) Write a PHP program to store user registration (user-name, address, Date of Birth, age, pan card, gender) with mysql database. **07**
