

Enrolment No. /Seat No.: \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BCA/MCA INTEGRATED – SEMESTER I- EXAMINATION –WINTER-2025**

**Subject Code: BC01001031**

**Date: 11/12/2025**

**Subject Name: Fundamental of 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. Use of simple calculators and non-programmable scientific calculators are permitted.

**Q.1 (a) Explain the terms: 07**  
(1) HTTP, (2) FTP, (3) Web Server, (4) Internet,  
(5) WWW, (6) Web Client, (7) URL.

**(b) Explain structure of HTML page. 07**

**Q.2 (a) Answer the following: 07**

1. Extension for External CSS is \_\_\_\_\_.
2. Which tag is used to add a row to a table in HTML?
3. HTML is not case sensitive. (TRUE/FALSE)
4. Full form of DOM is \_\_\_\_\_.
5. Which HTML tag is called the root element of an HTML document?
6. Which HTML tag is used to define a Javascript-like client-side scripting language?
7. Full form of JSON : \_\_\_\_\_.

**(b) Explain <FORM> tag with its attributes and elements with example. 07**

**OR**

**(b) List types of CSS Selectors. Explain any one CSS Selector with example. 07**

**Q.3 (a) Explain different types of HTML Lists tag with examples. 07**

**(b) What is CSS? List types of style sheets and explain any one with example. 07**

**OR**

**Q.3 (a) Explain benefits of CSS. 07**

**(b) Explain CSS Box Model. 07**

**Q.4 (a) List out the types of operators in JavaScript. Explain any one with example. 07**

**(b) Write HTML code to display following table. 07**

**Students Records**

Roll No.	Name	Total marks	Grade

**OR**

**Q.4 (a) Explain block and inline elements in HTML. 07**

- (b) Write a short note on Parsing JSON. **07**
- Q.5** (a) Write HTML code to embed JavaScript into a webpage. **07**  
(b) Define JavaScript. Explain JavaScript functions with example. **07**
- OR**
- Q.5** (a) Explain Math and Date objects in JavaScript. **07**  
(b) List and Explain data types in JSON. **07**

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