

## GUJARAT TECHNOLOGICAL UNIVERSITY

**BCA/MCA INTEGRATED – SEMESTER I- EXAMINATION –WINTER-2024**

**Subject Code: BC01001031**

**Date: 02/01/2025**

**Subject Name: Fundamentals 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.

<b>Q.1</b>	<b>(a)</b>	Answer the following.	<b>07</b>
		1. What is a Web Browser? 2. What is internet? 3. Give full form of CSS. 4. Explain comment in html. 5. Explain HTTP. 6. Write Full Form of: TCP/IP. 7. Write Full Form of: DD	
	<b>(b)</b>	Do as directed.	<b>07</b>
		1. Is Java Script case sensitive? (TRUE /FALSE). 2. WWW stands for_____. 3. _____ attribute of <HR> tag specifies the width of a horizontal line. 4. The default color of a hyperlink on a webpage is _____. 5. Is CSS is case sensitive? (TRUE /FALSE). 6. The <legend> tag within the fieldset tag is required (TRUE /FALSE). 7. External Java Script file has _____ extension.	
<b>Q.2</b>	<b>(a)</b>	What is URL's? Explain basic structure of URL.	<b>07</b>
	<b>(b)</b>	What is FTP? Explain types of FTP.	<b>07</b>
		<b>OR</b>	
	<b>(b)</b>	Explain iframe tag with example.	<b>07</b>
<b>Q.3</b>	<b>(a)</b>	Explain <input> tag with any five attribute with example.	<b>07</b>
	<b>(b)</b>	Explain Formatting text, superscript, subscript tag with example.	<b>07</b>
		<b>OR</b>	
<b>Q.3</b>	<b>(a)</b>	Explain table tag and basic attributes with example.	<b>07</b>
	<b>(b)</b>	Define List. Explain ordered list and unordered list with example.	<b>07</b>
<b>Q.4</b>	<b>(a)</b>	Explain CSS selectors. Explain with example.	<b>07</b>
	<b>(b)</b>	Explain CSS Box Model in detail.	<b>07</b>
		<b>OR</b>	
<b>Q.4</b>	<b>(a)</b>	List out types of style sheets. Explain External Style Sheet with example.	<b>07</b>
	<b>(b)</b>	What is DOM in JavaScript? Explain in detail.	<b>07</b>
<b>Q.5</b>	<b>(a)</b>	Explain the types of operators available in JavaScript.	<b>07</b>
	<b>(b)</b>	List out types of JavaScript loop. Explain any one with example	<b>07</b>
		<b>OR</b>	
<b>Q.5</b>	<b>(a)</b>	Explain JSON Object in detail with example	<b>07</b>
	<b>(b)</b>	Explain data type of JSON in detail.	<b>07</b>