

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

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

**Subject Code: BC01001031**

**Date: 09/06/2025**

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

		Marks
<b>Q.1</b>	<b>(a) Answer Following</b>	
	1. Define Internet	<b>01</b>
	2. Write full form of WWW	<b>01</b>
	3. Write full form of https	<b>01</b>
	4. Write full form of URL	<b>01</b>
	5. Explain about Browsers Function	<b>03</b>
	<b>(b)</b> 1. Explain about Web Server	<b>04</b>
	2. Write Full Form of XHTML, <ol>, <ul>, <a>	<b>03</b>
<b>Q.2</b>	<b>(a)</b> Explain about rowspan and colspan with Example	<b>07</b>
	<b>(b)</b> Give Differences between HTML v/s XHTML	<b>07</b>
	<b>OR</b>	
	<b>(b)</b> Give Differences between HTML v/s HTML5	<b>07</b>
<b>Q.3</b>	<b>(a)</b> Explain CSS Selectors with Example.	<b>07</b>
	<b>(b)</b> Explain Box Model Concept with Example.	<b>07</b>
	<b>OR</b>	
<b>Q.3</b>	<b>(a)</b> What is the use of Z-index? Explain with Example.	<b>07</b>
	<b>(b)</b> Explain about float and clear with Example.	<b>07</b>
<b>Q.4</b>	<b>(a)</b> Explain operator in javascript.	<b>07</b>
	<b>(b)</b> Explain conditional statement in javascript.	<b>07</b>
	<b>OR</b>	
<b>Q.4</b>	<b>(a)</b> Explain Loop statement in javascript.	<b>07</b>
	<b>(b)</b> Explain DOM in javascript.	<b>07</b>
<b>Q.5</b>	<b>(a)</b> 1. Explain any four string function in javascript.	<b>04</b>
	2. What is JSON? What are the features of JSON?	<b>03</b>
	<b>(b)</b> Explain schema in JSON.	<b>07</b>
	<b>OR</b>	
<b>Q.5</b>	<b>(a)</b> 1. Explain any four math function in javascript.	<b>04</b>
	2. Explain Data types of JSON.	<b>03</b>
	<b>(b)</b> Explain about parsing JSON.	<b>07</b>

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