

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.

- Q.1** (a) Answer the following. **07**
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) Do as directed. **07**
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.
- Q.2** (a) What is URL's? Explain basic structure of URL. **07**
- (b) What is FTP? Explain types of FTP. **07**
- OR**
- (b) Explain iframe tag with example. **07**
- Q.3** (a) Explain <input> tag with any five attribute with example. **07**
- (b) Explain Formatting text, superscript, subscript tag with example. **07**
- OR**
- Q.3** (a) Explain table tag and basic attributes with example. **07**
- (b) Define List. Explain ordered list and unordered list with example. **07**
- Q.4** (a) Explain CSS selectors. Explain with example. **07**
- (b) Explain CSS Box Model in detail. **07**
- OR**
- Q.4** (a) List out types of style sheets. Explain External Style Sheet with example. **07**
- (b) What is DOM in JavaScript? Explain in detail. **07**
- Q.5** (a) Explain the types of operators available in JavaScript. **07**
- (b) List out types of JavaScript loop. Explain any one with example **07**
- OR**
- Q.5** (a) Explain JSON Object in detail with example **07**
- (b) Explain data type of JSON in detail. **07**