

**2211090101040002**  
**EXAMINATION MARCH-APRIL 2024**  
**POST GRADUATE DIPLOMA IN COMPUTER**  
**APPLICATION (FIRST SEMESTER)**  
**INTRODUCTION TO FRONT END TECHNOLOGY**  
**- LEVEL 4**

[Time: As Per Schedule]

[Max. Marks:70]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **POST GRADUATE DIPLOMA IN COMPUTER APPLICATION (FIRST SEMESTER)**
  - b. Name of the Subject : **INTRODUCTION TO FRONT-END TECHNOLOGY- LEVEL 4**
  - c. Subject Code No : **2211090101040002**
2. Sketch neat and labelled diagram wherever necessary.
  3. Figures to the right indicate full marks of the question.
  4. All questions are compulsory.

Seat No:

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Student's Signature

**Q.1**      A. In HTML which are different types of the list we can create? Give Examples. **7**

**OR**

- A. Explain basic HTML elements with examples.
- B. Write a note on the use of Geolocation in web development. **5**
- C. Explain the difference between HTML and HTML5. **2**

**Q.2**      A. Write a note on the advantages of using CSS on a web page. Explain with example How CSS helps in styling any two HTML elements. **7**

**OR**

- A. Write a detailed note on CSS specificity rules. Explain with a suitable example.
- B. What is the CSS box model and why is it important? **5**

- C. Explain the concept of text alignment in CSS. 2
- Q.3** A. Explain JavaScript DOM in detail with an example. 7

**OR**

- A. Write a JavaScript to do basic form validation.
- B. What is JavaScript and why is it important in web development? 5
- C. Explain in brief the concept of variables in JavaScript. 2
- Q.4** A. What is Bootstrap? Explain Bootstrap components in detail. 7

**OR**

- A. Explain with examples how we can use Bootstrap with CSS in web page designing.
- B. What are responsive utilities in Bootstrap and how are they used? 5
- C. Explain the purpose of Bootstrap's forms class. 2
- Q.5** A. Write a code to create a customer registration form with basic validations. 6
- B. **Write Short Notes. (Any 2)** 8
1. HTML Audio, Video Tags.
  2. CSS Box Model.
  3. Bootstrap's table and buttons classes.

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