

# CDAC - Mumbai

## Subject: Web Programming Technology

Date: 30/11/23

Time duration: 1:30 hrs

Total Marks: 15

Batch: Sept'23

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### Question 1: (10 Marks)

Develop a web application using HTML, CSS, and JavaScript to create a reservation system with add and delete functionality for trains. The system should include input boxes for the train's name, train number, the number of the train, a dropdown list for class selection, origin and destination stations, date selection using a calendar, and ticket amount. Display all these details in a table format.

Requirements:

1) Construct an HTML file with a well-organized structure and a title that reflects the purpose of the application.

2) Design an intuitive interface that enables users to:

- Add a new train reservation.
- View the existing train reservations in a table.
- Delete a train reservation.
- Input the train's name in a text box.
- Input the train number in a text box.
- Input the number of the train in a text box.
- Choose the class from a dropdown list.
- Select the origin and destination stations from input boxes or dropdown lists.
- Input the date of reservation using a calendar or date picker.
- Input the ticket amount in a text box.
- Input the time of train.

3) Utilize JavaScript functions to manage the addition and deletion of train reservations dynamically.

4) Enhance the user experience by incorporating visually appealing styling using CSS.

### Question 2: (5 Marks)

Write a web application using HTML, CSS, and JavaScript to determine whether the entered character is a digit, alphabet, or special character.

Requirements:

1) Develop an HTML file with a well-organized structure, including a title that reflects the purpose of the application.

2) Design an interface that allows users to input a single character.

3) Implement a JavaScript function to analyze the entered character and determine if it is a digit, alphabet letter, or a special character.

4) Display the entered character along with the result of the analysis on the webpage, providing clear and concise output.