



Date: 25<sup>th</sup> Dec, 2024

Total Marks: 15

Deadline: 06<sup>th</sup> Jan, 2025

## Web Design & Development | Web Programming BS SOFTWARE ENGINEERING / COMPUTER SCIENCE

### Major Assignment 01

**Note:** The assignment is due by **9:00 AM** on the specified due date. Late submissions will result in a deduction of marks.

**Q1:** Create a button that, when clicked, displays the current **Date** and **Time** below it. Use HTML for the button, CSS to style it, and JavaScript to implement the functionality?

#### **Q2: Counts Vowels in a String!**

Create an input field where the user can enter a string of text. Add a button that, when clicked, counts the number of vowels (a, e, i, o, u) in the entered text and displays the result below the button. Use JavaScript to iterate through the string and calculate the number of vowels?