



**Cycle Test – II**

**CSPE61 – Web Technology and its Applications ( Program Elective )**

Class / Semester : III CSE / VI      Time : 11.30 AM to 12.30 PM  
Date : 03.04.2025      Marks : 20      Section : A & B

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**Answer all questions**

1. Write a user-defined function in Java Script to perform 3X3 Matrix Addition and display the resultant matrix. [ CO2 ] (5)
2. Design an HTML Form that consists of five text fields to get the student details such as Roll number, Name, Marks of three subjects and a SUBMIT button.

Write a Http Servlet Program to retrieve all the student details using GET method and compute Total and Average. Display the Student Roll Number, name, Total and Average in the Servlet window.

[ CO2 ] (7)

3. Write the DHTML code to perform the following Event handling operations: [ CO2 ] (8)
  - a. Change the background color of the text field to Blue, when a key is pressed down and change it to Red, when the pressed key is released.
  - b. Move the Text to the Top-Left corner, when the mouse is placed over the text and make the text to return back to its position, when the mouse is out of the text.
  - c. Change the Text "Welcome" to "Thanks", when the mouse is placed over the text and make the text to return back to "Welcome", when the mouse is out of the text.
  - d. Display an alert dialog containing the selected option, when an option is selected from the Drop-down list.