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

Class / Semester	: III CSE / VI	Time	: 3.30 PM to 4.30 PM
Date	: 23.04.2025	Marks : 20	Section : A & B

Answer all questions

1. Write a user-defined function in Java Script to find the transpose of a 4X4 Matrix (get the input matrix elements dynamically) and calculate the sum of diagonal elements of that matrix.

   [CO2] (6)

2. Design an HTML Form that consists of three text fields to get the employee details such as Employee ID, Name, Basic Pay and a SUBMIT button.

   Write a Http Servlet Program to retrieve all the employee details Using POST method and compute DA as 25% of Basic Pay, HRA as 18% of Basic Pay and Total Salary = Basic Pay + DA + HRA. Display the Employee ID, Name and Total Salary in the Servlet window.   **[CO2] (8)**

3. Write the DHTML code to perform the following Event handling operations: **[CO3] (6)**

   a. Change the color of the text in the text field to Red, when the text field gains focus and change it to Green, when the text field loses focus.

   b. Load an image in the web page and shake it, when the mouse is placed over the image and stop shaking, when the mouse is moved out of the image.

   c. Load two images and one Text area in the web page. When the mouse is placed over an image, that image is set as a background image for the text area.