SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD
Department of Computer Science & Engineering
Internal Assessment Test – II

Semester : IV [A & B]
Course Title & Code : Web Technology [22UPCSC405]
Course Teacher(s) : Prof. Prathap Kumar M.K

Date : 18/05/2024
Time: 9:30 to 10:30 A.M.
Max Marks : 20

Note: Question 3 is compulsory. Also answer any one full question from Q1 and Q2.

	Marks/COs

Q1.   5M/CO4

a. Explain the working principle of PHP architecture.

b. Develop and validate a web page using HTML markup that collects a student's name and   5M/CO1, 3
roll number. Write JavaScript to validate the user's input to check for both the completeness
of the form (is everything filled out?) and the format of the data (is the roll number only
numbers?). The form should display proper messages for all types of validations.

Q2.   5M/CO4

a. What is PHP? Explain its modes of operation.

b. Write HTML markup to design a web page that allows users to input a maximum   5M/CO1, 3
number 'N' (Example: if N=3, N values will be 1,2,3) and select between two options
using radio buttons: 'Average' and 'Sum'. Upon clicking either of these options, the page
should compute the corresponding operation and display the result with the appropriate
label.

Q3.

a. Explain with an example the usage of the following primitive type values used in   5M/CO3
JavaScript.
      i. undefined
      ii. NaN
      iii. null

b. Write a PHP script to read and display the following details using variables in a tabular   5M/CO4
format with the proper heading:
      i. College Name
      ii. College Code
      iii. Total Intake
      iv. Number of UG courses
      v. College Address

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