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[Approved by AICTE, GOVT. of India & Affiliated to Dr. APJ
Abdul Kalam Technical University, Lucknow, U.P. India]
Department of Master of Computer Applications

Department of MCA

MCA Sem: 3rd Sec: A1, A2, and A3

Session 2024-25 (Odd Semester)

Assignment-2

Subject Name: Web Technology   **Subject Code: KCA 021**

Date of Assignment: 16.10.2024   Date of Submission: 20.10.2024

Scripting: Introduction to JavaScript, Creating Variables in JavaScript, Creating Functions in JavaScript, UI Events, Returning Data from Functions, Working with Conditions, looping in JavaScript, Block Scope Variables, Working with Objects, Creating Object using Object Literals, Manipulating DOM Elements with JavaScript.

Q. No.	Questions	Marks	CO	KL
1.	Construct a program in java script to generate random numbers and show the usage of for-in statement with the help of suitable example. Also discuss the features of java script.	5	CO2	K3
2.	Create a page welcome message : 1. Get the user name in the input field 2. When the button is pressed add an event that get the user name andcreates a welcome message on the page 3. Add a check to ensure the length of the input is larger than 3characters long. Sample output: What is you name? [Laurence Svekis] [Submit] Welcome to the site Laurence Svekis	5	CO2	K3
3.	List out the different ways an HTML element can be accessed in a JavaScript code. Write a JavaScript program to calculate multiplication and division of two numbers (input from user).	5	CO2	K2

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4.	(a) Write a JavaScript function to remove specified number of characters from a string. (b) Write a JavaScript function to check whether a string is blank or not.	5	CO 2	K2
5.	Build a form that will collect information from a visitor and send it to be processed by JavaScript in the page summary.html. The form should collect the following information: petName (the name of a pet), petType (which can be either Dog, or Cat, or Bird) and pedigreed (which is either true or false, and should start out checked). Your form should include a Submit button, and should demonstrate proper use of the <label> tag.	5	CO 2	K3