Quiz 2

Section I – MCQs

**Total Marks 100**

**Time**: **6 hours**

**Encircle the correct answer out of the given options. Cutting or overwriting will result in no marks. [Mark: 10]**

* **Javascript is an**  **language?**
* Object Oriented
* Object Based
* Procedural
* None of the above
* **Which of the following keywords is used to define a variable in Javascript?**
* var
* let
* Both A and B
* None of the above
* **How the objects are passed in JavaScript?**
* By value
* By reference
* Both by value and reference
* None of the above
* **Which of the following methods is used to access HTML elements using Javascript?**
* getElementById()
* getElementsByClass()
* Both A and B
* None of the above
* **How can a datatype be declared to be a constant type?**
* const
* var
* let
* constant
* var a = "Scaler";
* var result = a.substring(2, 4); document.write(result);
* **What will be the output of the following code snippet?**
* al
* ale
* cal
* caler
* **What will be the output of the following code snippet?**

**var x=12; var y=8;**

**var res=eval("x+y"); document.write(res);**

* 20
* x+y
* 128
* None of the above
* **In Github After you add a file, it becomes**
* Modified
* Staged
* Untracked
* Commited
* **What command lets you create a connection between a local and remote repository?**
* Git remote add origin
* Git remote add new
* Git remote new origin
* Git remote origin

**10 . When you pass an array as an argument to a function, what is actually passed?**

* the address of the array
* the values of the elements in the array
* a duplicate of the array
* the number of elements in the array
* none of the above

Section – II

* **Write a JavaScript program that convert Age into days. You can give hard code value of the number. [Marks: 15]**
* **Write a java script function program check whether a string is palindrome or not. [Marks: 15]**
* **Write a JavaScript function to format a number up to specified decimal places [Marks: 15]**

Section – III

* **Differentiate arrow functions and regular functions. [Marks:5]**
* **Write a program that takes a number of greater than 5 digits from input field and shows sum of all odd numbers. For example, if the input is 196783, the sum would be 1 + 9 + 7 + 3 = 20. [Marks: 5]**
* **Given an integer N, the task is to find the sum of interior angles of an N-sided polygon. [Marks: 5]**
* **Create a age calculator that takes date of birth of user and shows age in years, months and days. [Marks: 5]**

Section – IV

* **In this question you must multiply two matrices A and B and store the answer in matrix C. For multiplying matrices, you must take care of the matrix multiplication rule i.e the column number of matrix A should be equal to matrix B.**

**Step 1: Get matrix size from the user for both matrices and compare them. If it don’t follow the matrix multiplication rule, ask user again for the correct values. Step 2: Store values in list for each matrix by prompting user to enter the values. Step 3: Calculate the product of matrix A and matrix B.**

**Step 4: Display the out in proper format. [Marks: 25]**