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]

1. **Javascript is an**  **language?**
2. Object Oriented
3. Object Based
4. Procedural
5. None of the above
6. **Which of the following keywords is used to define a variable in Javascript?**
7. var
8. let
9. Both A and B
10. None of the above
11. **How the objects are passed in JavaScript?**
12. By value
13. By reference
14. Both by value and reference
15. None of the above
16. **Which of the following methods is used to access HTML elements using Javascript?**
17. getElementById()
18. getElementsByClass()
19. Both A and B
20. None of the above
21. **How can a datatype be declared to be a constant type?**
22. const
23. var
24. let
25. constant
26. **What will be the output of the following code snippet?**

var a = "Scaler";

var result = a.substring(2, 4); document.write(result);

1. al
2. ale
3. cal
4. caler
5. **What will be the output of the following code snippet?**

var x=12; var y=8;

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

1. 20
2. x+y

c) 128

d) None of the above

1. **In Github After you add a file, it becomes**
2. Modified
3. Staged
4. Untracked
5. Commited

e)

1. **What command lets you create a connection between a local and remote repository?**
2. Git remote add origin
3. Git remote add new
4. Git remote new origin
5. Git remote origin

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

1. the address of the array
2. the values of the elements in the array
3. a duplicate of the array
4. the number of elements in the array
5. none of the above

# Section – II

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

# Section – III

1. **Differentiate arrow functions and regular functions. [Marks:5]**
2. **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]**
3. **Given an integer N, the task is to find the sum of interior angles of an N-sided polygon. [Marks: 5]**
4. **Create a age calculator that takes the date of birth of user and shows age in years, months and days. [Marks: 5]**

# Section – IV

1. 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]