**MODULE: 4 (JavaScript Basic & DOM)**

1. What is JavaScript?

* JavaScript is a scripting or programming language

1. What is the use of is NaN function?

* The JavaScript is NaN() Function is used to check whether a given value is an illegal number or not

1. What is negative Infinity?

* NEGATIVE\_INFINITY is a special numeric value that is returned when an arithmetic operation

1. Which company developed JavaScript?

* JavaScript was developed by Brendan Eich

1. What are undeclared and undefined variables?

* **Undeclared:**It occurs when we try to access any variable that is not initialized or declared earlier using the *var* or *const keyword.*
* **Undefined:**It occurs when a variable has been declared but has not been assigned any value. Undefined is not a keyword.

1. Write the code for adding new elements dynamically?

* document. createElement("<tagName>");

1. What is the difference between ViewState and SessionState?

* ViewState is to manage state at the client's end, making state management easy for end-user while SessionState manages state at the server's end

1. What is === operator?

* The **===** operator checks whether its two operands are equal, returning a Boolean result.

1. How can the style/class of an element be changed?

* document.getElementById("id").style.color = “red”

1. How to read and write a file using JavaScript?
   * readFile()
2. What are all the looping structures in JavaScript?
   * for/in - loops through the properties of an object.
   * while - loops through a block of code while a specified condition is true.
   * do/while - also loops through a block of code while a specified condition is true.
3. How can you convert the string of any base to an integer in JavaScript?
   * parseInt() function
4. What is the function of the delete operator?
   * The delete operator removes a property from an object
5. What are all the types of Pop up boxes available in JavaScript?
   * Alert box, Confirm box, and Prompt box
6. What is the use of Void (0)?
   * Void(0) is use to prevent any negative effects on a webpage.
7. How can a page be forced to load another page in JavaScript?
   * We can change the URL of a window by accessing it.
8. What are the disadvantages of using innerHTML in JavaScript?
   * The process of using innerHTML is much slower as its contents as slowly built