**Module (JAVASCRIPT BASIC & DOM) – 4**

**Q-1.** **What is JavaScript?**

**Ans** - **JavaScript is a scripting language** that enables you to create dynamically updating content, control multimedia, animate images.

**Q-2.** **What is the use of is NaN function?**

**Ans -** The isNaN() function is used to check whether a given value is an illegal number or not.

**Q-3. What is negative Infinity?**

**Ans** -NEGATIVE\_INFINITY is **the same as the negative value of the global object's Infinity property**.

**Q-4. Which company developed JavaScript?**

**Ans -**The first ever JavaScript was created **by Brendan Eich at Netscape.**

**Q-5.** **What are undeclared and undefined variables?**

**Ans - Undefined variable** means a variable has been declared but does not have a value. **Undeclared variable** means that the variable does not exist in the program at all.

**Q-6. Write the code for adding new elements dynamically?**

**Ans -Syntax: document. createElement("<tagName>");**

**Q-7.** **What is the difference between ViewState and SessionState?**

**Ans -The basic difference between these two is that the 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.

**Q-8. What is === operator?**

**Ans -**The strict equality operator ( === ) **checks whether its two operands are equal, returning a Boolean result**.

**Q-9. How can the style/class of an element be changed?**

**Ans- getElementById() method i**s used to return the element in the document with the “id” attribute and the “className” attribute can be used to change/append the class of the element.

**Q-10. How to read and write a file using JavaScript?**

**Ans-** readFile() and  writeFile() methods are used to read and write of a file using javascript.

**Q-11. What are all the looping structures in JavaScript?**

* **Ans- for - loops through a block of code a number of times**
* **for/in - loops through the properties of an object**
* **for/of - loops through the values of an iterable 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**

**Q-12. How can you convert the string of any base to an integer in JavaScript?**

**Ans -** In JavaScript parseInt() function (or a method) is used to convert the passed in string parameter or value to an integer value itself**.**

**Q-13.** **What is the function of the delete operator?**

**Ans -**The delete operator removes a given property from an object.

**Q-14. What are all the types of Pop up boxes available in JavaScript?**

**Ans -** JavaScript has three kind of popup boxes: Alert box, Confirm box, and Prompt box.

**Q-15. What is the use of Void (0)?**

**Ans** -JavaScript void 0 means returning undefined (void) as a primitive value. It is used **to prevent any side effects caused while inserting an expression in a web page**.

**Q-16. How can a page be forced to load another page in JavaScript?**

**Ans-** We can use window. location property inside the script tag to forcefully load another page in Javascript. It is a reference to a Location object that is it represents the current location of the document. We can change the URL of a window by accessing it.

**Q-17. What are the disadvantages of using innerHTML in JavaScript?**

**Ans –**

* Event handlers attached to any DOM element are preserved.
* Replacement is done everywhere.
* It is not possible to append innerHTML.
* Breaks the document.
* Used for Cross-site Scripting.