**Module (JAVASCRIPT BASIC & DOM)**

**1.What is JavaScript?**

**>** an object-oriented computer programming language commonly used to create interactive effects within web browsers.

**2.** **What is the use of isNaN function?**

**>** In JavaScript NaN is short for "Not-a-Number". The isNaN() method returns true if a value is NaN. The isNaN() method converts the value to a number before testing it

**3. What is negative Infinity?**

**>** NEGATIVE\_INFINITY is **the same as the negative value of the global object's Infinity property**. This value behaves slightly differently than mathematical infinity: Any positive value, including POSITIVE\_INFINITY , multiplied by NEGATIVE\_INFINITY is NEGATIVE\_INFINITY

**4. Which company developed JavaScript?**

**> The Mozilla project** provides two JavaScript implementations. The first ever JavaScript was created by Brendan Eich at Netscape, and has since been updated to conform to ECMA-262 Edition 5 and later versions

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

**> 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**.

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

**>** Syntax: **document.** **createElement("<tagName>");** // Where <tagName> can be any HTML // tagName like div, ul, button, etc. // newDiv element has been created For Eg: let newDiv = document. createElement("div");

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

**>** 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**, making it easy to manage content from this end too.

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

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

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

**>** Another way to alter the style of an element is by **changing its class attribute**. class is a reserved word in JavaScript, so in order to access the element's class, you use element. className .

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

**> readFile() and rs.** **writeFile() methods** are used to read and write of a file using javascript. The file is read using the fs. readFile() function, which is an inbuilt method

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

**>** 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.

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

**>** In JavaScript **parseInt() function (or a method) is used to convert the passed in string parameter or value to an integer value itself**. This function returns an integer of base which is specified in second argument of parseInt() function.

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

**>** The delete operator **removes a given property from an object**. On successful deletion, it will return true , else false will be returned.

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

**>** JavaScript has three kind of popup boxes: **Alert box, Confirm box, and Prompt box**

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

**>** JavaScript void 0 means returning undefined (void) as a primitive value. You might come across the term “JavaScript:void(0)” while going through HTML documents. It is used **to prevent any side effects caused while inserting an expression in a web page**

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

**>** Approach: 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..

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

**>**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.