

## **MODULE (JAVASCRIPT BASIC & DOM)-4**

### **1.What is javascript?**

JavaScript is the Programming Language for the Web. JavaScript can update and change both HTML and CSS. JavaScript can calculate, manipulate and validate data.

### **2.What is the use of isNaN FUNCTION?**

The JavaScript isNaN() Function is used to check whether a given value is an illegal number or not. It returns true if the value is a NaN else returns false. It is different from the Number.isNaN() Method.

### **3.WHAT IS NEGATIVE INFINITY?**

NEGATIVE\_INFINITY is a special numeric value that is returned when an arithmetic operation or mathematical function generates a negative value greater than the largest representable number in JavaScript

### **4.Which company developed javascript?**

Netscape Communications Corporation

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

Undeclared – It occurs when a variable which hasn't been declared using var, let or const is being tried to access.

Undefined – It occurs when a variable has been declared using var, let or const but isn't given a value.

### **6.Write the code for adding new document dynamically?**

```
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 === oprator?**

In the case of equality comparison, we use `===` operator, and in the case of inequality comparison, we use `!==` operator. Return type: boolean. It returns either true or false. The `===` operator compares operands and returns true if both operands are of the same data type and have some value, otherwise, it returns false.

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

`readFile()` and `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.

### **10.How can the style/class of anelement 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`.

### **11.What are all the looping structure in javascript?**

`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.

### **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 property from an object. If the property's value is an object and there are no more references to the object, the object held by that property is eventually released automatically.

### **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)?**

In a programming language, void means return nothing. "javascript: void(0)" is similar to void. javascript: void(0) means return undefined as a primitive value. We use this to prevent any negative effects on a webpage when we insert some expression.

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

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 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?**

there are some disadvantages to using innerHTML in JavaScript. Disadvantages of using innerHTML property in JavaScript: The use of innerHTML is very slow: The process of using innerHTML is much slower as its contents are slowly built, also already parsed contents and elements are also re-parsed which takes time