MODUAL : 4 (JAVASCRIPT BASIC AND DOM)

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 NaN function?

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

3)What is nagative 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.

For example: more negative than -Number. MAX_VALUE) . JavaScript displays the NEGATIVE_INFINITY value as -Infinity .

4)Which company developed javascript?

JavaScript was invented by Brendan Eich in 1995.

It was developed for Netscape 2, and became the ECMA-262 standard in 1997.

After Netscape handed JavaScript over to ECMA, the Mozilla foundation continued to develop JavaScript for the Firefox browser. Mozilla's latest version was 1.8.5. (Identical to ES5).

Internet Explorer (IE4) was the first browser to support ECMA-262 Edition 1 (ES1)

5)What are undeclared and undefined variable?

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 element dynamically?

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

// Where <tagName> can be any HTML

 // tagName like div, ul, button, etc.

 // newDiv element has been created

 For Ex: 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 === operater?

The strict equality (===) operator checks whether its two operands are equal, returning a Boolean result. Unlike the equality operator, the strict equality operator always considers operands of different types to be different

9)How can the style/css 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 looping statements in javascript?

JavaScript supports different kinds of loops:

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 the base which is specified in the second argument of the 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:

      a)cAlert box

      b) Confirm box

      c) 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?

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?

Disadvantages of innerHTML

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.