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 ...

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

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** (i.e., more negative than -Number. MAX\_VALUE) . JavaScript displays the NEGATIVE\_INFINITY value as -Infinity .

4. Which company developed JavaScript?

JavaScript was created at **Netscape Communications** by Brendan Eich in 1995. Netscape and Eich designed JavaScript as a scripting language for use with the company's flagship web browser, Netscape Navigator.

5. What are undeclared and undefined variables?

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

6. Write the code for adding new elements dynamically?

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. ViewState: It is maintained at only one level that is page-level.

8. What is === operator?

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

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

•The class name is used as a selector in HTML which helps to give some value to the element attributes. The document. getElementById() method is 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**.

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

1. file=fopen(getScriptPath(),0); The function fread() is used for reading the file content.
2. str = fread(file,flength(file) ; The function fwrite() is used to write the contents to the file.
3. file = fopen("c:\MyFile.txt", 3);// opens the file for writing.

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
* 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 ?

1. Using the parseInt() method.
2. Using the Number() method.
3. Using the Unary operator.

Syntax: parseInt(string, radix)

parseInt("10");

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)?

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?**

In JavaScript, we can **use window.** **location object** to force a page to load another page. We can use the location object to set the URL of a new page

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.