1) What is JavaScript?

Ans>  
JavaScript is a scripting language used to develop web pages. Developed in Netscape, JS allows developers to create a dynamic and interactive web page to interact with visitors and execute complex actions. It also enables users to load content into a document without reloading the entire page

2) What is the use of isNaN function?

Ans) 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?

Ans) 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?

Ans) 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?

Ans) 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?

Ans) 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?

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, 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?

Ans) The strict equality ( === ) operator checks whether its two operands are equal, returning a Boolean resu

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

Ans) The add() method: It adds one or more classes.

The remove() method: It removes one or more classes.

The toggle() method: If the class does not exist it adds it and returns true.

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

Ans) file=fopen(getScriptPath(),0); The function fread() is used for reading the file content.

str = fread(file,flength(file) ; The function fwrite() is used to write the contents to the file.

file = fopen("c:\MyFile.txt", 3);// opens the file for writing.

11) What are all the looping structures in JavaScript?

Ans) or/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?

Ans) To convert a string to an integer parseInt(), Number(), and Unary operator(+) function is used in javascript. parseInt() function returns Nan( not a number) when the string doesn't contain number. If a string with a number is sent, then only that number will be returned as the output. This function won't accept spaces

13) What is the function of the delete operator?

Ans) 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?

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

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

Ans) 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?

Ans) 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?

Ans  **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.

18) Create password field with show hide functionalities

Ans) Go to Settings > Lock Screen & Security > on the next screen, move the toggle next to Make Passwords Visible to OFF position