1. **What is JavaScript?**

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

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

**ANS :-** The isNaN() function determines whether a value is NaN , first converting the value to a number if necessary. Because coercion inside the isNaN() function can be surprising, you may prefer to use Number.isNaN() .

1. **What is negative Infinity?**

**ANS :-** The symbol “∞”, (called the lemniscate), is used to denote infinity. It looks like a sideways 8. Similarly, there is a concept called negative infinity, which is less than any real number. The symbol “-∞” is used to denote negative infinity.

1. **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.

1. **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.

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

**ANS :-** The syntax and example are as follows: Element. setAttribute(name, value); // Where Element is the name of web element. // Here, we have created newDiv. // Where name is the attribute name and // value is the value that needs to be set For Eg: newDiv. setAttribute("class","container");

1. **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.

1. **What is === operator?**

**ANS :-** 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.

console.log(1 === 1);

// Expected output: true

console.log('1' === 1);

// Expected output: false

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

**ANS :-** 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 .

1. **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.

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

**ANS :-** For loop ,Do while? ,JavaScript for loop While loop ,For in ,JavaScript while loop ,Statements Increment and decrement operators ,Initialization condition ,JavaScript forEach loop ,Loop termination .

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

**ANS :-** 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.

1. **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**.**

1. **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.

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

**ANS :-** 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.

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

**ANS :-** 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.

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

**ANS :-** 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.