**• What is JavaScript?**

* JavaScript is an open source programming language.
* JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else.

**• What is the use of isNaN function?**

* The isNaN() function determines whether a value is NaN , first converting the value to a number if necessary.

**• What is negative Infinity?**

* 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.

**• 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.

**• What are undeclared and undefined variables?**

* Undeclared variables are those that have not been declared or defined in the current scope, while undefined variables are those that have been declared but not given a value.

**• Write the code for adding new elements dynamically?**

* **Creation of new element:**-

New elements can be created in JS by using the **createElement()** method.

* **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");**

**• What is the difference between ViewState and SessionState?**

* A ViewState is a state of a page within a browser wherein the values of controls persist when post back operation is done. When another page is loaded, the previous page data is no longer available.
* SessionState is the data of a user session and is maintained on the server side.

**• What is === operator?**

* The === operator compares operands and returns true if both operands are of the same data type and have some value, otherwise, it returns false.

**• How can the style/class 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 .
* document. getElementById('myElement'). className = "myclass";

**• How to read and write a file using JavaScript?**

* There are two ways to do it:  
    
  1. Using JavaScript extensions (runs from JavaScript Editor), or  
    
  2. Using a web page and ActiveX objects (Internet Explorer only)  
    
  In JavaScript Extensions, you can use  
  fh = fopen(getScriptPath(), 0); to open a file  
    
  Using ActiveX objects, following should be included in your code to read a file:

var fso = new ActiveXObject("Scripting.FileSystemObject");  
var s = fso.OpenTextFile("C:\\example.txt", 1, true);

**• 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

**• 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.

**• 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.

**• 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.

**• 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.

**• 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.

**• What are the disadvantages of using innerHTML in JavaScript?**

* Inner HTML is slowIt is very slow because as inner HTML already parses the content even we have to parse the content again so that's why it takes time. When we have used the event handlers then the event handlers are not automatically attached to the new elements created by innerHTML.