1. **What is JavaScript?**

**Ans :** JavaScript is a scripting language for creating dynamic web page content. It creates elements for improving site visitors' interaction with web pages, such as dropdown menus, animated graphics, and dynamic background colors.

* Javascript is a scripting language.
* Client-side scripting language.
* To make website dynamic and allow this webpage.
* A scripting language browser can read.

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

**Ans :**  The JavaScript is NaN() 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.

1. **What is negative Infinity?**

**Ans :** 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..

1. **Which company developed JavaScript?**

**Ans :** JavaScript was created at Netscape Communications by Brendan Eich in 1995.

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

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.

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

**Ans :** You can use the below-mentioned methods to add classes, remove classes, and toggle between different classes respectively.

1. The add() method: It adds one or more classes.
2. The remove() method: It removes one or more classes.
3. The toggle() method: If the class does not exist it adds it and returns true.
4. **How to read and write a file using JavaScript?**
5. **Ans :** file=fopen(getScriptPath(),0); The function fread() is used for reading the file content.
6. str = fread(file,flength(file) ; The function fwrite() is used to write the contents to the file.
7. file = fopen("c:\MyFile.txt", 3);// opens the file for writing.
8. **What are all the looping structures in JavaScript?**

**Ans :** 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.

1. **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.

1. **What is the function of the delete operator?**

**Ans :** Using the delete operator on an object deallocates its memory. A program that dereferences a pointer after the object is deleted can have unpredictable results or crash.

1. **What are all the types of Pop up boxes available in JavaScript?**

**Ans :** Alert box, Confirm box, and Prompt box.

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

**Ans :**  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 :** 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.

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

**Ans :** It 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.