Module – 3 JavaScript

1. What is JavaScript?
⇨ JavaScript is a light-weight object-oriented language which is used by several website for scripting the webpages.

2. What is the use of isNaN function?
⇨ IsNaN() returns true if a number is Not-a-number. In other words: iaNaN() converts the value to a number before testing it.

3. What is negative infinity?
⇨ The negative infinity in JavaScript is a constant value that is used to represent a value that is the lowest. This means no other number is lesser than this value.

4. Which company developed JavaScript?
⇨ JavaScript was created at Netscape communication by Brendan Eich in 1995.

5. What are undeclared and undefined variables.
⇨ Undefined: It occurs when a variables has been declared but not been assigned any value.
⇨ 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 element dynamically.
⇨ Function addElement(){
Var newDiv = document.createElement("div").

7. What is the difference between Viewstate and SessionState?
⇨ View State can only be visible from a single page and not multiple pages. Session state value availability is across all pages available in user session.

8. What is == operater?
⇨ In JavaScript, == is a comparison operator that checks the equality of two values without performing any type conversion.

9. How can the style/class of an element be changed?
⇨ To change the style/class of element, we can use JavaScript as follow:
Document.getelementbyId("myElement").classname="new-class"

10. How to read and write a file using javascript?
⇨ Readfile() and rs. writeFile() methods are used to read and write of a file using JavaScript.

11. What are all the looping structure in JavaScript?
⇨ In JavaScript, there are several types of loops that you can use to execute a block of code repeatedly under certain condition. Here are the main looping structure in JavaScript:
    1. For loop

2. While loop
3. Do-while loop
4. For-in loop
5. For-of loop

12. How can you convert the string of any base to an integer in JavaScript?
⇨ There's a function called parseInt() in JavaScript, this is used for parsing a string as an argument and it returns an integer of the specified radix (basically the base of the numerical system) as output.

13. What is the function of the delete operator?
⇨ The delete operator in JavaScript removes a property from an object. It can delete both own properties and inherited properties. Using delete on an array item leaves a hole.

14. What are the all 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)?
⇨ The void operator evaluates an expression and returns undefined . By running void(0) in the URL JavaScript code, nothing is evaluated or returned.

16. How can a page be forced to load another page in JavaScript?
⇨ In JavaScript, you can force a page to load another page by using the window.location object.
⇨ Below are the approaches used to force a page to load another page in JavaScript:
1. Using window.location.replace
2. Using window.location.assign Property

17. What are the disadvantages of using innerHTML in JavaScript?
⇨ The innerHTML property is a part of the Document Object Model (DOM) that is used to set or return the HTML content of an element
⇨ Disadvantages of using innerHTML property in JavaScript:
1. The use of innerHTML very slow
2. Preserves event handlers attached to any DOM elements
3. Content is replaced everywhere
4. Appending to innerHTML is not supported