Module (JAVASCRIPT BASIC & DOM) – 4

Q1: 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

Q2: **What is the use of isNaN function?**

ANS:

isNaN() returns true if a number is Not-a-Number.

Q3: **What is negative Infinity?**

ANS: **The symbol "-∞" is used to denote negative infinity.**

Q4: Which company developed JavaScript?

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

Q5: What are undeclared and undefined variables?

ANS:

Undefined: It occurs when a variable has been declared but has not been assigned any value.

Q6 : Write the code for adding new elements dynamically?

ANS:

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.
```

Q7: **What is the difference between ViewState and SessionState?**

ANS:

View state can only be visible from a single page and not multiple pages. Session state value availability is across all pages available in a user session.

Q8: **What is === operator?**

ANS:

compares both the value and the type of its operands.

Q9 : **How can the style/class of an element be changed?**

ANS:

getElementById('myElement'). className = "myclass";

Q10: **How to read and write a file using JavaScript?**

ANS:

Files can be read and written by using java script functions – fopen(),fread() and fwrite().

Q11: What are all the looping structures in JavaScript?

ANS:

Java has three types of loops i.e. the for loop, the while loop, and the do-while loop. for and while loops are **entry-controlled** loops whereas do-while loop is an **exit-controlled** loop.

Q12: How can you convert the string of any base to an integer in JavaScript?

ANS:

To convert a string into integer we can use `parseInt()`, `Number()`, and Unary operator (+). Each of them is discussed with an example.

Q13: What is the function of the delete operator?

ANS:

The delete operator destroys the object created with new by deallocating the memory associated with the object.

Q14: 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.

EX:

alert("I am an alert box!");

window.confirm("*sometext*");

window.prompt("*sometext*","*defaultText*");

Q15: What is the use of Void (0)?

ANS:

JavaScript void 0 means returning undefined (void) as a primitive value.

Q16: How can a page be forced to load another page in JavaScript?

ANS:

we can use window. location object to force a page to load another page.

Q17: 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.