**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**.