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**Course: Web designing**

**Assignment-4:**

**JAVASCRIPT BASIC &amp;DOM**

**Q1. What is JavaScript?**

**=>** JavaScript, often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS

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

**=>** The JavaScript isNaN() Function is used to check whether a given value is an illegal number or not.

**Q3. What is negative Infinity?**

**=>** 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

**Q4. Which company developed JavaScript?**

**=>** JavaScript was invented by Brendan Eich in 1995. It was developed for Netscape 2, and became the ECMA-262 standard in 1997.

**Q5. What are undeclared and undefined variables?**

**=>** Undefined variable means a variable has been declared but does not have a value. Undeclared variable means that the variable does not exist in the program at all.

**Q6. Write the code for adding new elements dynamically?**

**=>** Syntax: document. createElement("tagName");

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

**=>** 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.

**Q8. What is === operator?**

**=>** The strict equality (===) operator checks whether its two operands are equal, returning a Boolean result.

**Q9. how can the style/class of an element be changed in javascript**

**=>** getElementById() method is used to return the element in the document with the “id” attribute and the “className” attribute can be used to change/append the class of the element.

**Q10. 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. The file is read using the fs. readFile() function, which is an inbuilt method.

**Q11. What are all the looping structures in JavaScript?**

**=>** for (expression 1; expression 2; expression 3) { // code block to be executed } while(condition) { }; do{ }while(conditon)

**Q12. 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.

**Q13. 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.

**Q14 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.

**Q15. What is the use of Void (0)?**

**=>** In a programming language, void means return nothing. “javascript: void(0)” is similar to void. javascript: void(0) means return undefined as a primitive value. We use this to prevent any negative effects on a webpage when we insert some expression.

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

**=>** Approach: We can use window. location property inside the script tag to forcefully load another page in Javascript.

**Q17. What are the disadvantages of using innerHTML in JavaScript?**

**=>**  Event handlers attached to any DOM element are preserved, Replacement is done everywhere, it is not possible to append innerHTML, Breaks the document, Used for Cross-site

Scripting