**Web Designing Assignment**

**Module (JAVASCRIPT BASIC & DOM) – 4**

1. **What is JavaScript?**

- JavaScript is the Programming Language for the Web. javascript is used by programmers to create dynamic and interactive web content.

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

NaN stands for not a number. It represents a value which is not a valid number.

1. **What is negative Infinity?**

**-** The negative infinity in JavaScript is a constant value which is used to represent a value which is the lowest available. This means that no other number is lesser than this value.

1. **Which company developed JavaScript?**

**-**The first ever JavaScript was created by Brendan Eich at Netscape,

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

-Undeclared variables-

The variables are considered to be undeclared because of programmer does not write them with var, let, or const.

-Undefined variables-

A variable that has not been assigned a value is of type undefined .

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

-  let newDiv = document. createElement("div")

1. **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

1. **What is === operator?**

- 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?**

**-** Select the element whose style properties needs to be change. Use element. style property to set the style attribute of an element.

1. **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.

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

For loop---

While loop---

Do while loop----

1. **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. This function returns an integer of base which is specified in second argument of parseInt() function

1. **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

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

1-alert box ---used for alert about information. When alert box pop up, user click “ok” to proceed.

2-confirm box ----used for verify and accept something.

When confirm box pop up, user click “ok” or “cancle” to proceed.

Ok returns true and cancle returns to false.

3-propt box --------used for user enter a value before entering a page.

When prompt box pop up, user click “ok” or “cancle” to proceed.

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

- JavaScript void 0 means returning undefined (void) as a primitive value. You might come across the term “JavaScript:void(0)” while going through HTML documents. 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?**

-  We can use window. location property inside the script tag to forcefully load another page in Javascript

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

- The use of innerHTML very slow.

Preserves event handlers attached to any DOM elements. Content is replaced everywhere