 1.What is JavaScript?

**JavaScript** is *a scripting language*. It is different from Java language. It is object-based, lightweight, cross-platform translated language. It is widely used for client-side validation. The JavaScript Translator (embedded in the browser) is responsible for translating the JavaScript code for the web browser

### 2. List some features of JavaScript.

Some of the features of JavaScript are:

* Lightweight
* Interpreted programming language
* Good for the applications which are network-centric
* Complementary to Java
* Complementary to HTML
* Open source

Cross-platform

### 3. Who developed JavaScript, and what was the first name of JavaScript?

JavaScript was developed by Brendan Eich, who was a Netscape programmer. Brendan Eich developed this new scripting language in just ten days in the year September 1995. At the time of its launch, JavaScript was initially called Mocha. After that, it was called Live Script and later known as JavaScript.

### 4. List some of the advantages of JavaScript.

Some of the advantages of JavaScript are:

* Server interaction is less
* Feedback to the visitors is immediate
* Interactivity is high
* Interfaces are richer

### 5. List some of the disadvantages of JavaScript.

Some of the disadvantages of JavaScript are:

* No support for multithreading
* No support for multiprocessing
* Reading and writing of files is not allowed
* No support for networking applications.

### 6. Define a named function in JavaScript.

The function which has named at the time of definition is called a named function. For example

function msg()

{

  document.writeln("Named Function");

}

msg();

7) Name the types of functions

The types of function are:

* Named - These type of functions contains name at the time of definition. For Example:

function display()

{

  document.writeln("Named Function");

}

display();

* Anonymous - These type of functions doesn't contain any name. They are declared dynamically at runtime.

var display=function()

{

  document.writeln("Anonymous Function");

}

display();

8) Define anonymous function

It is a function that has no name. These functions are declared dynamically at runtime using the function operator instead of the function declaration. The function operator is more flexible than a function declaration. It can be easily used in the place of an expression. For example:

var display=function()

{

  alert("Anonymous Function is invoked");

}

display();

9) Can an anonymous function be assigned to a variable?

Yes, you can assign an anonymous function to a variable.

10) In JavaScript what is an argument object?

The variables of JavaScript represent the arguments that are passed to a function.