2 Marks questions

1. Write the javascript to print "Good Day" using IF-ELSE condition.

```
let hour = new Date().getHours();
if (hour < 20) {
    greeting = "Good day";
} else {
    greeting = "Good evening";
}
```

2. What is a javascript statement? Give an example.

A computer program is a list of instructions to be executed by a computer. In a programming language, these programming instructions are called statements. A javascript program is a list of programming statements which are composed of : values, operators, Expression, keywords and comments.

3. Write some advantages of using javascript.
   * Speed
   * Simplicity
   * Popularity
   * Interoperability
   * Gives the ability to create rich Interfaces

4. List the javascript datatypes.

   java script datatypes:
   * string
   * Number
   * Big int
   * Boolean
   * undefined
   * null
   * symbol
   * object

5. Differentiate the return and continue statements in javascript.

   return is used within a method to return control out of the method. It may be followed by a value which is returned from the method to calling method immediately preceding the point of call.

   Continue statement is used within a loop to start next iteration without executing the remaining statements in loop.

6. Construct the statement to read the properties of an object in javascript

```
const person = {
  fname : "Jhon";
  Lname : "Due";
  age : 25;
};
const name : Person.fname+" "+ Person.lname;
```

7. Identify the built-in method returns the character at the specified index?

```
string.charAt(index);
```

8. List out the properties to determine the size of the browser window

```
window.innerwidth
window.inner height
```

9. Define java script

Java script is a dynamic programming language that's used for web development, in web application, for game development, and lots more. It allows you to implement dynamic features on web pages that cannot be done with only HTML and CSS. Many browsers use Java script as a scripting language.

10. write the syntax to create an object in javascript

```
let/const/variable name = data
```

11. Express the statement in java script to display content on webpage.

```
<!DOCTYPE html>
<html>
<body>
<h1> my first web page </h1>
<P> My first paragraph </P>
<P id ="demo"></P>
<Script>
document get Element By Id ("demo:).inner HTML = stb;
</script>
</body>
</html>
```

12. Connect the role of a callback function in performing a partial page update in an AJAX application.

At the time we make the call to the server we provide the name of a java script call back function that will be called when the response has beed received the call back function will receive the result and update various page control accordingly.

13. Create an appropriate javascript code to remove an element (current element) from a DOM

```
document.getElementById ("target").removes;
```

14. Write down the javascript code to swap the contents of the two text boxes

```
<form name: "form1">
input text 1 : <input type: "text" name: "A">
input text 2 : <input type: "text" name: "B">
</form>

var e = document.getElement.ByName ("A")[0];
document.getElement ByName ("A")[0].value =
document.get Element ByName ("B") [0] value;
document.get Element By Name ("B")[0] : e.value;
```

15. Summarize benefits of using javascript code in an HTML document.
* Speed client side it is very fast.
* Simplicity - It is simple to turn and implement so not tough to maintain it is simple.
* It is a dynamic computer programming language.