# JAVA SCRIPT QUESTIONS

**FM : 50** **Time : 1.5 hr**

**Q1. Answer the Following Questions : [10 X 2 = 20]**

1. **How can you create an object and nested object in Java Script ?**
2. **What is the difference between Java and Java Script ?**
3. **What are the features of Java Script ?**
4. **Is Java Script fully Object Oriented ? Explain Why .**
5. **What is the purpose of ‘this’ operator in JS ?**
6. **How to create an array in JS ? Define with an example**
7. **How Java Script makes it easier for user to use website ? Please site some real life examples**
8. **What is the difference between ‘alert’ and ‘confirm’ ?**
9. **How the forms are handled in javascript? Explain.**
10. **Write the program in javascript to solve the given polynomial:**

**x3 + 2x2.y + 3x.y2 + y3 = 0**

**Q2. Please give the output for the following program : [5 x 2 ] = 15**

1. <BODY>

<SCRIPT LANGUAGE="JavaScript">

var sum = new Array(6);

var Total = 0;

sum[0] = 0;

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for(var icount = 1; icount < 4; icount++)

{

Total += icount;

sum[icount] = Total;

document.write(sum[icount]+"<br>");

}

document.write(Total);

</SCRIPT>

</BODY>

1. **const length = 4;**

**const numbers = [];**

**for (var i = 0; i < length; i++);{**

**numbers.push(i + 1);**

**}**

**document.write(numbers);**

Q 3 : Write a JavaScript conditional statement to find the largest of five numbers. Display an alert box to show the result (5)

Q4 : Write a JavaScript function to convert a decimal number to binary (5)

Q5 : Create an HTML page with a button ( ‘Open Modal’) . Write a Javascript functionality to open Modal (10)