CHOITHRAM SCHOOL MANIKBAGH INDORE
CLASS XI Session: 2017-18

SUBJECT : Multimedia and Web Technology   ASSIGNMENT No. 3

Scheduled Date.17/11/2017   Submission Date. 22/11/2017

Q No.	Questions	Mark

1.	How many times will the following loop execute? What value will be returned?
	var x=2, y=50;
	while(x<=10)
	{
	++x;
	y-=x++;
	}
	return y;
		1

2.	What is the output of the following? document.write("four": +4+2+" "); document.write("four": +(2+2));	1

3	What is wrong with the following repition structure?
	while(x >= 0)
	sum += x;
		1

	Very Short Answer	

4	Give the meaning of each of the following Java Script operators:
	    a. ++
	    b. &&
	    c. !=
		2

5	What will be the value of x and y when the following statements will execute?
	var a=63,b=36;
	var x=(a > b ? true : false);
	var y=(a < b ? a : b);
		2

6	What will be the output of the following code? document.write(Math.round(2.3) +" " +" "); document.write(Math.pow(2,3) + " ");	2
7	Write a javascript program to accomplish the following: Sum of odd integers between 1 to 100 using a while structure. Assume the integer variable x and i have been declared.	2
	Short Answer	

8	What will be the value of x and y when the following statements will execute?
	var a=63,b=36;
	var x=(a > b ? true : false);
	var y=(a < b ? a : b);
		3

9	Rewrite the following code using ternary operators
	if(income <= 10000)
	   tax = 0;
	else
	    tax=12;
		3

10	Point the errors in the following code and write correct script. <script>	3

```
var sum=0;
while(c < 10 step 2)
{
if(c % 3 = 0 )
sum = sum + c;
c++;
}
</script>
```

	Long answer	
11	Observe the following code carefully and find which statement will never get executed in the code.	5

```
int count = 1;                        // statement 1
while(count <= 15)              // statement 2
{                                       // statement 3
if (count < 15)                    // statement 4
document.write("Jump");      // statement 5
else                                  // statement 6
document.write("Stop");       // statement 7
count +=4;                          // statement 8
}                                        // statement 9
```

| 12 | Rewrite the given code using for loop. | 5 |

```
<script>
var  i , sum=0, i=1;
while (i<= 10)
{
sum =sum + i;
i++;
}
document.write(sum);
</script>
```