1. The statement while (3==3) is an example of

1. An infinite loop
2. return always false
3. A typographical error
4. An illegal JavaScript statement

2. Within a loop, what does the break statement do?

1. Escapes the loop entirely
2. Starts the loop over
3. continue the loop
4. Crashes the browser

3. A 'for' loop in JavaScript looks like this....

1. for(var i=0;i<5;i++){}
2. for i=1 to 5 do
3. FOR I:=5 DOWNTO 1 DO
4. repeat...until(i=5)

4. The control statement on a do while loop is tested

1. once at the start
2. after each time through the loop
3. once at the end
4. before each time through the loop

5. Which type of JavaScript loop checks the condition at the end of the loop?

1. while
2. do…while
3. if
4. for

6. Under which of the following circumstances will the following loop definitely terminate?

do

{ s = prompt("Please enter a number","");

n = parseFloat(s);

}

while (n < 40 || n < 50);

1. A number smaller than 50 is entered.
2. A number smaller than 40 is entered.
3. A number bigger than 50 is entered.
4. A number bigger than 40 is entered.

7. Consider the following line which has been extracted from a program:

for (count = 0; count < 31; count+=2)

How many times does this loop execute?

1. 31
2. 16
3. 15
4. 30

8. When the following loop terminates, what is the value of a?

a = 10;

do

{ a /= 2;

y = a \* 10;

}

while (a < 1);

* 1. 1.25
  2. 0.625
  3. 1
  4. 5

9. How many times is the string Hello! Written on the screen?

for (x = 1; x < 10; x++)

for (y = 1; y < 5; y++)

document.write("Hello!");

* 1. 50
  2. 36
  3. 40
  4. 45

10. What are the three important manipulations done in a for loop on a loop variable?

a) Updation, Incrementation, Initialization

b) Initialization,Testing, Updation

c) Testing, Updation, Testing

d) Initialization,Testing, Incrementation

11. What will be the output of the following Javascript code?

var a = 10;

do {

a += 1;

console.log(a);

} while (a < 5);

a) 11121314

b) 1112

c) 12345

d) 11

12. Which of these expressions is NOT a valid way to add 1 to a variable in JavaScript?

a. x++ b. x += 1

c. x = x + 1 d. x+

13. Let's say you want to repeat a loop 20 times. Which for loop would help you code that?

a. for (var i = 1; i < 20; i++) { }

b. for (var i = 0; i <= 20; i++) { }

c. for (var i = 0; i < 20; i++) { }

d. for (var i = 0; i > 20; i++) { }

14. How many times the following loop will print 'Hello World'?

<script>

var i = 5;

while( i < 4 ){

document.write('Hello World');

i++;

}

</script>

a. 5 b. 3 c. 4 d. 0

15. What is the difference between a while loop and a do…while loop?

A. The code inside a do…while loop will always be executed at least once, even if the condition is false.

B. The code inside a while loop will always be executed at least once, even if the condition is false.

C. There is no difference between them.

16. Which is NOT a way to create a loop in javascript?

A. for (…) { } B. do { } while(…)

C. while (…) { } D. repeat (…) { }

17. How does a “while” loop start?

A. while i=(1 <> 10) B. while i=1 to 10

C. while (i<=10) D. while (i<=10;i++)

18. Find the output of below for loop in Javascript

<script>

for(var i=0;i<5;i++)

{

document.write(i++);

}

</script>

(A) 01234 (B) 012345

(C) 135 (D) 024

19. Find output of below code

<script>

var firstNames = ["c", "c++", "java", "python", "perl"];

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

if(i%2===0)

continue;

document.write(i);

}

</script>

(A) 012345 (B) 01234

(C) 135 (D) 13

20. Find the output of below code

<script>

var firstNames = []; //creating empty array

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

document.write("Javascript");

}

</script>

(A) Error (B) Nothing is printed

(C) Javascript (D) JavascriptJavascript