1. Inside which HTML element do we put the JavaScript?

1. <js>
2. <script>
3. <scripting>
4. <javascript>

2. What is the correct JavaScript syntax to change the content of the HTML element below?

<p id="demo">This is a demonstration.</p>

1. document.getElementByName("p").innerHTML = "Hello World!";
2. document.getElement("p").innerHTML = "Hello World!";
3. document.getElementById("demo").innerHTML = "Hello World!";
4. #demo.innerHTML = "Hello World!";

3. Where is the correct place to insert a JavaScript?

1. The <body> section
2. The <head> section
3. Both the <head> section and the <body> section are correct

4. What is the correct syntax for referring to an external script called "xxx.js"?

1. <script href="xxx.js">
2. <script name="xxx.js">
3. <script src="xxx.js">

5. The external JavaScript file must contain the <script> tag.

1. True
2. False

6. How do you write "Hello World" in an alert box?

1. alert("Hello World");
2. alertBox("Hello World");
3. msg("Hello World");
4. msgBox("Hello World");

7. How do you create a function in JavaScript?

1. function:myFunction()
2. function myFunction()
3. function = myFunction()

8. 8. How do you call a function named "myFunction"?

1. call myFunction()
2. myFunction()
3. call function myFunction()

9. How to write an IF statement in JavaScript?

1. if i = 5
2. if i = 5 then
3. if (i == 5)
4. if i == 5 then

10. How to write an IF statement for executing some code if "i" is NOT equal to 5

1. if (i != 5)
2. if (i <> 5)
3. if i =! 5 then
4. if i <> 5

11. How does a WHILE loop start?

1. while (i <= 10)
2. while (i <= 10; i++)
3. while i = 1 to 10

12. How does a FOR loop start?

1. for (i = 0; i <= 5; i++)
2. for (i = 0; i <= 5)
3. for (i <= 5; i++)
4. for i = 1 to 5

13. How can you add a comment in a JavaScript?

1. 'This is a comment
2. //This is a comment
3. <!--This is a comment-->

14. How to insert a comment that has more than one line?

1. //This comment has
2. more than one line//
3. /\*This comment has

more than one line\*/

1. <!--This comment has

more than one line-->

15. What is the correct way to write a JavaScript array?

1. var colors = ["red", "green", "blue"]
2. var colors = "red", "green", "blue"
3. var colors = (1:"red", 2:"green", 3:"blue")
4. var colors = 1 = ("red"), 2 = ("green"), 3 = ("blue")

16. How do you round the number 7.25, to the nearest integer?

1. Math.round(7.25)
2. round(7.25)
3. Math.rnd(7.25)
4. rnd(7.25)

17. How do you find the number with the highest value of x and y?

1. Math.ceil(x, y)
2. ceil(x, y)
3. top(x, y)
4. Math.max(x, y)

18. What is the correct JavaScript syntax for opening a new window called "w2" ?

1. w2 = window.open("http://www.w3schools.com");
2. w2 = window.new("http://www.w3schools.com");

19. JavaScript is the same as Java.

1. False
2. True

20. How can you detect the client's browser name?

1. navigator.appName
2. browser.name
3. client.navName

21. Which event occurs when the user clicks on an HTML element?

1. onchange
2. onmouseclick
3. onclick
4. onmouseover

22. How do you declare a JavaScript variable?

1. variable carName;
2. v carName;
3. var carName;

23. Which operator is used to assign a value to a variable?

1. -
2. x
3. =
4. \*

24. Is JavaScript case-sensitive?

1. Yes
2. No

25. Which of the following is not a reserved word in JavaScript?

A. interface

B. throws

C. program

D. short

26. Predict the output of the following JavaScript code.

<script type="text/javascript" language="javascript">

var a = "GeeksforGeeks";

var result = a.substring(4, 5);

document.write(result);

</script>

A. sf

B. ks

C. s

D. k

27. Predict the output of the following JavaScript code.

<script type="text/javascript" language="javascript">

var x=5;

var y=6;

var res=eval("x\*y");

document.write(res);

</script>

28. If x=null; document.write(x);

What will be output?

1. Null
2. Undefined
3. Object
4. 0

29. Math. round(-20.5)=?

1. -21
2. 20
3. -20
4. 21

30. Math.flood(-20.5)=?

1. -21
2. 20
3. -20
4. 21

31. var qpt="QualityPointTechnologies";   
var result = qpt.lastIndexOf("l");   
document.write(result);

</script>

What is the output?

1. 3
2. 18
3. 17
4. 19

32. Which one is correct?

1. var cars = ["Saab", "Volvo", "BMW");
2. var cars = {"Saab", "Volvo", "BMW"};
3. var cars = ["Saab", "Volvo", "BMW"];
4. var cars = {"Saab", "Volvo", "BMW"];

33. var fruits = ["Banana", "Orange", "Apple", "Mango"];

fruits.join(" \* ");

What will be output?

1. Banana \* Orange \* Apple \* Mango
2. Banana ,Orange , Apple , Mango
3. Banana Orange Apple Mango
4. none of the above

34. var fruits = ["Banana", "Orange", "Apple", "Mango"];

fruits. pop ();

What will be output?

1. Orange , Apple, Mango
2. **Banana ,Orange , Apple**
3. Banana Orange Apple Mango
4. Mango

35. var fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits. shift (); What will be output?

1. **Orange , Apple, Mango**
2. Banana ,Orange , Apple
3. Banana Orange Apple Mango
4. Mango

36. var fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits. unShift (“Guava”); What will be output?

1. Orange , Apple, Mango, Guava
2. Guava , Banana ,Orange , Apple
3. **Guava ,Banana Orange Apple Mango**
4. None

37. var fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits.splice(2, 0, "Lemon", "Kiwi"); What will be output?

1. Lemon,Kiwi,Apple,Mango
2. Banana,,Lemon,Kiwi,Apple
3. Banana,Kiwi,Apple,Mango
4. **Banana,Orange,Lemon,Kiwi,Apple,Mango**

38. var fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits.splice(2, 2, "Lemon", "Kiwi"); What will be output?

1. Banana,Orange,Lemon,Kiwi
2. **Banana,,Lemon,Kiwi,Apple**
3. Banana,Kiwi,Apple,Mango
4. Banana,Orange,Lemon,Kiwi,Apple,Mango

39. var fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits.splice(1, 1); What will be output?

1. **Banana,Apple,Mango**
2. Banana, Orange ,Apple,Mango
3. Banana,,Mango
4. Apple,Mango

**40.** Which of the following is false for javascript?

1. It is weakly typed language.
2. It changes the page dynamically.
3. Lighten the amount of code.
4. None

41. What is the output of the following code:

var a=10, b=”20 pcs”;

var c= a\*b;

document.write(c);

a. 200 b. 1020 pcs c. 30 pcs d. NaN

42. Which one is the correct declaration of hexadecimal number?

1. var alpha = 0Xdd
2. var beta=0xaa
3. var gamma = #ff
4. none

43. In Javascript, What does isNaN function do?

1. Return false if the argument is not a number.
2. Return true if the argument is a number.
3. Return true if the argument is not a number.
4. None

44. Which of the following is not a reserved word

a. news b. void c. true d. else

45. What is the output of the following code:

document.write(200+”50 Tk”);

a. 250 tk b. 20050 tk c. 50 tk d. NaN

46. To show **Cox’s Bazar** which one is correct?

a. alert(“Cox\’s Bazar”) b. alert(“Cox’\s Bazar”)

c. alert(“Coxa\s’ Bazar”) d. alert(“Cox’s Bazar”)

47. Which of the following statement can be used as an alternative of if-else statement?

a. for loop b. while loop c. switch-case d. all

48. Switch(n)

{ case A: alert(“1”); break;

case B: alert(“2”); break;

default: alert(“3”);

}

If n=b then what will be the output?

a. 1 b. 2 c. 3 d. none

49. In which loop exit condition is checked first?

a. for loop b. for/in loop

c. while loop d. do/while loop

50. Any object property is called –

a. function b. method c. attribute d. none

51. Which of the following is not user-defined function(s)?

a. document.write() b. Math.floor()

c. myStr() d. both a and b

52. In regular expression caret(^) symbol is used to –

a. search text/character

b. replace text/character

c. don’t want to prefaced a text/character

d. none

52. Which of the following array declaration is wrong?

a. arr = new Array[1,2,3]

b. arr = (1,2,3);

c. arr = new Array(1,2,3)

d. arr = [1,2,3]

53. var str = “Java Programming”;

str = str.replace(/java/,”Javascript);

document.write(str);

a. Java Programming

b. Javascript Progrmming

c. Javascript

d. Java

54. When a variable is declared but no value is given then it contains –

a. null value

b. undefined value

c. void

d. zero

55. Consider the code snippet given below

var count = [1,,3];

What is the observation made?  
a) The omitted value takes “undefined”  
b) This results in an error  
c) This results in an exception  
d) None of the mentioned

56. Consider the following code snippet

var a1 = [,,,];

var a2 = new Array(3);

0 in a1

0 in a2

The result would be  
a) true false  
b) false true  
c) true true  
d) false true

57. Consider the following code snippet :

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var a = [1,2,3,4,5];

a.slice(0,3);

What is the possible output for the above code snippet ?  
a) Returns [1,2,3].  
b) Returns [4,5].  
c) Returns [1,2,3,4].  
d) Returns [1,2,3,4,5].

58. Consider the following code snippet

function printArray(a)

{

var len = a.length, i = 0;

if (len == 0)

console.log("Empty Array");

else

{

do

{

console.log(a[i]);

} while (++i < len);

}

}

What does the above code result?  
a) Prints the numbers in the array in order  
b) Prints the numbers in the array in the reverse order  
c) Prints 0 to the length of the array  
d) Prints “Empty Array”  
59. Consider the following code snippet

while (a != 0)

{

if (a == 1)

continue;

else

a++;

}

What will be the role of the **continue** keyword in the above code snippet?  
a) The continue keyword restarts the loop  
b) The continue keyword skips the next iteration  
c) The continue keyword skips the rest of the statements in that iteration  
d) None of the mentioned

60. What will happen if a return statement does not have an associated expression?  
a) It returns the value 0  
b) It will throw an exception  
c) It returns the **undefined** value  
d) None of the mentioned

61. A function with no return value is called  
a) Procedures  
b) Method  
c) Static function  
d) Dynamic function

62. Consider the following code snippet :

var grand\_Total=eval("10\*10+5");

The output for the above statement would be :  
a) 10\*10+5  
b) 105 as a string  
c) 105 as an integer value  
d) Exception is thrown

63. Consider the following code snippet :

var string2Num=parseInt("123xyz");

The result for the above code snippet would be :  
a) 123  
b) 123xyz  
c) Exception  
d) NaN

1.“JavaScript is called interpreted language”- why? And Why JavaScript is called weakly type language?

2.What do you understand by Undefined and null values?

3.What are global and local variables?

4.What is an array?

5.What are the three parts of for loop?

6.What the benefit of using with statement.

7.What are the three main event categories?

8. Write some features of JavaScript.

9. What are primitive data types?

10. What is variable?

11. What are the two purposes of plus operator?

12. What is the use of typeof operator?

13. What the benefit of using with statement.

14. Show the hierarchy of HTML form.

15. What is Document Object Model (DOM)?

16. What is the indexOf()?

17. What is object and write 3 built in objects?

18. What is object and write 3 built in objects?

1. What is group function? Write down types of group function.
2. What is order by clause?
3. What are the differences between setIntervale() and setTimeout()?
4. What is event and event handler?
5. What are the differences between substring() and substr()?
6. What is function? Write down role of return statement.
7. What do you mean by cookie?