**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. 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:**

**advertisement**

**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?**