

1. What do you mean by local and global variable?

Ans: **Global variables:** Global variables are those variables which are declared outside of all the functions or block and can be accessed globally in a program.

Example:

```
var x = 5; // global
```

```
function something(y) {  
  var z = x + y;  
  console.log(z);  
}
```

**Local Variable:** Variables that are declared within or inside a function block are known as Local variables.

Example:

```
function something(y) {  
  var x = 5; // local  
  var z = x + y;  
  console.log(z);  
}
```

2. What is the function of break and continue statement?

Ans : **Break:** "break" statement is used to exit from loop and selection structure. Break statement is widely used in switch-case and loop.

**Continue:** The continue statement breaks one iteration (in the loop), if a specified condition occurs, and continues with the next iteration in the loop.

3. What is the different between "==" and "===" operator?

Ans: 1. Both are comparison operator but

2. "==" test for equality operator compares its operands with only value ignoring the datatype.

3. "===" test for strict equality operator compares its operands with datatypes and the value.

4. What is reserved word ? write five reserved word ?

Ans : Reserved words are those in JavaScript that have been reserved for statements and built-in functions.

Five reserved words are : function, for, return, break, return.

5. What are the different between alert() and prompt()?

Ans : JavaScript provides built-in global functions to display popup message boxes for different purposes.

**alert()**

The alert() function displays a message to the user to display some information to users. This alert box will have the **OK** button to close the alert box.

```
alert("This is an alert message box."); // display string message
```

**prompt:**

prompt(message, defaultValue): Display a popup box to take the user's input with the OK and Cancel buttons.

6. What is eval () in JavaScript ?

Ans : The **eval()** function in JavaScript is used to evaluate the expression. It is JavaScript's global function, which evaluates the specified string as JavaScript code and executes it.

eval(string)

7. What's the difference between Var, Let, and Const?

Ans : var: 1.

2.What's the difference between Var, Let, and Const?

**Var** It can be updated or re-declared.

**Let**: It can only be updated and can't be re-declared.

**Const**: It can't be updated or re-declared.

8. What is the different between while and do-while loop?

Ans : **The do...while** statements combo defines a code block to be executed once, and repeated as long as a condition is true.

The do...while is used when you want to run a code block **at least one time**.

Syntax:

```
do {  
    code block to be executed  
}
```

```
while (condition);
```

The **while** statement creates a loop (around a code block) that is executed while a condition is true.

The loop runs while the condition is true. Otherwise, it stops.

Syntax:

```
while (condition) {  
    code block to be executed  
}
```

9. What is function ? How can you define function in JavaScript?

Ans : A collection of statement which can perform a specific task and can be executed by an event of call to that function .we can have a) Built-in function b) User-defined functions.

10. How to use ternary operator in JavaScript ?

Ans : The conditional (ternary) operator is the only JavaScript operator that takes three operands: a condition followed by a question mark (?), then an expression to execute if the condition is truthy followed by a colon (:), and finally the expression to execute if the condition is false. This operator is frequently used as an alternative to an if...else statement.

Syntax:

condition ? exprIfTrue : exprIfFalse

example :

```
const age = 26;
```

```
const beverage = age >= 21 ? "Beer" : "Juice";
```

```
console.log(beverage); // "Beer"
```

1. What will be the output of the following JavaScript code?

```
<p id="demo"></p>
```

```
<script>
```

```
var js = 10;
```

```
js *= 5;
```

```
document.getElementById("demo").innerHTML = js;
```

```
</script>
```

a) 10

b) 50

c) 5

d) Error

Answer: b

2. 6. Arrays in JavaScript are defined by which of the following statements?

a) It is an ordered list of values

b) It is an ordered list of objects

c) It is an ordered list of string

d) It is an ordered list of functions

Answer: a

3. Question: What is the correct JavaScript syntax to write "Hello World"?

a) response.write("Hello World")

b) document.write("Hello World")

c) print("Hello World")

d) echo("Hello World")

Answer: b

4. How do you write a conditional statement for executing some statements only if "i" is NOT equal to 5?

a) if (i <> 5)

b) if (i != 5)

c) if != 5 then

d) if (not = 5)

Answer: b

5. How many different kind of loops are there in JavaScript?

a) Two. The "for" loop and the "while" loop

b) Three. The "for" and "for-in" loop, the "while" loop, and the "do-while" loop.

- c) Four. The "for" loop, the "while" loop, the "do-while" loop, and the "loop-until" loop
- d) One. The "for" loop

Answer: b

6. Which is the numerical literal?

- a) "1507"
- b) 1507
- c) true
- d) "Integer"

Answer: b

7. In some case, which of the following could be replacement for "if"?

- a) for
- b) while
- c) do-while
- d) switch-case

Answer: d

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

- a) <script name="file.js" type="text/javascript"></script>
- b) <script href="file.js" type="text/javascript" />
- c) <script src="file.js" type="text/javascript"></script>
- d) <link src="file.js" type="text/javascript" />

Answer: c

9. Which of the following is true if A and B are not equal?

- a) if A not = b
- b) if A != B
- c) if (A not = B)
- d) if (A != B)

Answer: d

10. What command skips the rest of a case statement?

- a) return
- b) exit
- c) continue
- d) break

Answer: d

11. Among the following, which one is a ternary operator in JavaScript?

- a)#
- b):::

- c) &:
- d.)?:

Ans : D

11. What is divide by 0 in JavaScript?

```
var a = 10;  
var b = 0;  
document.write(a/b);
```

- A. Nothing is printed
- B. 0 is printed
- C. Infinity is printed
- D. Some Garbage Value

Ans : C

12. JavaScript Code can be called by using \_\_\_\_\_

- a) RMI
- b) Triggering Event
- c) Preprocessor
- d) Function/Method

Answer: d

13. The type of a variable that is volatile is \_\_\_\_\_

- a) Volatile variable
- b) Mutable variable
- c) Immutable variable
- d) Dynamic variable

Answer: b

14. What will be the output of the following JavaScript code?

```
var string1 = "123";  
var intvalue = 123;  
alert( string1 + intvalue );
```

- a) 123246
- b) 246
- c) 123123
- d) Exception

Answer: c

15. 3. The property of a primary expression is \_\_\_\_\_

- a) stand-alone expressions
- b) basic expressions containing all necessary functions
- c) contains variable references alone
- d) contains only keywords

Answer: a

16. . The unordered collection of properties, each of which has a name and a value is called

- a) String
- b) Object
- c) Serialized Object
- d) Array

Answer: b

17. What if we put ++ operator inside if condition? find the output of below code

```
<script>  
var a = 10;  
if(a == a++)  
document.write(a);  
</script>
```

- A. Error
- B. Nothing is printed
- C. 10
- D. 11

Ans : D

18. The statement a===b refers to \_\_\_\_\_

- a) Both a and b are equal in value, type and reference address
- b) Both a and b are equal in value
- c) Both a and b are equal in value and type
- d) There is no such statement.

Answer: c

19. Which of the following is/are the correct example of object literal(s)?

- a) var shopCart={item:5.95,tax:.07,shopping:14.95}
- b) var shopCart=[ item:5.95,tax:.07,shopping:14.95]
- c) var shopCart=[ item:5.95;tax:.07;shopping:14.95]
- d) var shopCart={item:5.95;tax:.07;shopping:14.95;}

Answer: a

20. Which of the following is/are not Date object function(s)?

- a) getTime()
- b) setTime()
- c) getHour()

- d) getDay()
- e) all

Answer: c

21. What is the output of following JavaScript code?

```
<script type="text/javascript">  
  x=4+"4";  
  document.write(x);  
</script>
```

- a) 44
- b) 8
- c) 4
- e) Error output

Answer: a

22. prompt() is not an input function in JavaScript.

- a) True
- b) False

Answer: b

23. which is not JavaScript reserved word?

- a) static
- b) Finally
- c) Throw
- d) Allow

Answer: d

24. The parseInt() and parseFloat() functions (these are global functions, not methods of any class) are more flexible.

- a) True
- b) False

Answer: a

25. Which of these is known as the Equality operator used for checking whether both the values are equal?

- a. =
- b. ==

c. ===

d. &&

**Answer:** (b) ==

**26.** In case a value of an operator is NULL, then the unary operator would return the \_\_\_\_\_  
typeof.

a. object

b. boolean

c. string

d. undefined

**Answer:** (d) undefined

**27.** Which of these is not a keyword?

a. debugger

b. use strict

c. with

d. if

**Answer:** (b) use strict

**28.** Which of these symbols is used to create comments in JavaScript?

a. //

b. \\

c. \\* \\*/

d. \\* \* \

**Answer:** (a) //

**29.** The " var" and "function" are known as \_\_\_\_\_.

a. Data types

b. Keywords

c. Prototypes

d. Declaration statements

**Answer:** (d) Declaration statements



30. What does NaN means

- a) Negative Number
- b) Not a Number
- c) Both A & B
- d) None of the Above

Answer : b. Not a Number

31. Which symbol is used separate JavaScript statements?

- a) Comma(,)
- b) Semicolon(;)
- c) Hyphen(\_)
- d) Colon(:)

Answer : b) Semicolon(;)

32. DOM stands for in JavaScript?

- a) Document Object Model
- b) Document Object Manipulation
- c) Document Objective Model
- d) None of these

Answer : a) Document Object Model

33. Choose the correct snippet from the following to check if the variable "a" is not equal the "NULL":

- a. `if(a!==null)`
- b. `if (a!)`
- c. `if(a!null)`
- d. `if(a!=null)`

Answer : a) if(a!==null)

34. It is a common practice to declare arrays with the \_\_\_\_\_ keyword.

- a. var
- b. let
- c. const
- d. none of the above

Ans : c. const

35. Spaces and line breaks are not important.

- a. TRUE
- b. FALSE
- c. Can be true or false
- d. Can not say

Ans : a. TRUE

36. Array indexes start with \_\_\_\_\_.

- a. -1
- b. 0
- c. 1
- d. Can not say

Ans : b. 0

37. 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

Answer: b

38. In the following given syntax of the switch statement, the Expression is compared with the labels using which one of the following operators?

```
switch(expression)
{
    statements
}
```

- a. equals
- b. ==
- c. Equals
- d. ===

Answer: D ===

39. Which of the following is the correct output for the following JavaScript code:

```
var x=8;  
  
if(x>9)  
{  
  
document.write(9);  
  
}  
  
else  
  
{  
  
document.write(x);  
  
}
```

- a. 9
- b. 0
- c. 8
- d. Undefined

Answer: c

16) Which one of the following is the correct way for calling the JavaScript code?

- a. Preprocessor
- b. Triggering Event
- c. RMI

d. Function/Method

**Answer:** D