

Part 1. Multiple Choose.

50 % mark

1. JavaScript is an _____ language?
 - A. Object-Oriented
 - B. Object-Based
 - C. Procedural
 - D. None of the above
2. How do we write a comment in JavaScript?
 - A. `/* */`
 - B. `//`
 - C. `#`
 - D. `$$`
3. Which of the following keywords is used to define a variable in Javascript?
 - A. var
 - B. let
 - C. Both A and B
 - D. None of the above
4. How can a datatype be declared to be a constant type?
 - A. const
 - B. var
 - C. let
 - D. constant
5. When the switch statement matches the expression with the given labels, how is the comparison done?
 - A. Both the datatype and the result of the expression are compared.
 - B. Only the datatype of the expression is compared.
 - C. Only the value of the expression is compared.
 - D. None of the above.
6. What will be the output of the following JavaScript code snippet?

```
var txt1 = "Sanfoundry_";
```

```
var txt2 = "Javascriptmcq";
```

```
console.log( txt1 + txt2);
```

- A. error
- B. Sanfoundry_Javascriptmcq
- C. undefined
- D. SanfoundryJavascriptmcq

7. 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

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

```
function compare()
```

```
{
```

```
    int num=2;
```

```
    char b=2;
```

```
    if(a==b)
```

```
        return true;
```

```
    else
```

```
        return false;
```

```
}
```

```
compare();
```

- A. false
- B. true
- C. compilation error
- D. runtime error

9. What will be the output of the following JavaScript code snippet?

```
function equalto()
```

```
{
```

```
int num=10;

if(num=="10")

    return true;

else

    return false;

}
```

- A. false
- B. true
- C. compilation error
- D. runtime error

10. What will be the output of the following JavaScript program?

```
function sanfoundry(javascript)

{

    return (javascript ? "yes" : "no");

}

bool ans=true;

console.log(sanfoundry(ans));
```

- A. Compilation error
- B. Runtime error
- C. Yes
- D. No

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

```
function range(int javascript)

{

    int a=5;

    for(int i=0;i<javascript;i++)

    {

        console.log(a);

    }

}
```

```
}  
  
range(3);  
  
a) 2  
b) 5  
c) 555  
d) error
```

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

```
var quiz=[1,2,3];  
  
var js=[6,7,8];  
  
var result=quiz.concat(js);  
  
console.log(result)
```

- A. 1, 2, 3, 6, 7, 8
 - B. 123
 - C. 1, 2, 3
 - D. Error
13. In JavaScript, what is a block of statement?

- A. Conditional block
- B. block that combines a number of statements into a single compound statement
- C. both conditional block and a single statement
- D. block that contains a single statement

14. The "function" and " var" are known as:

- A. Keywords
- B. Data types
- C. Declaration statements
- D. Prototypes

15. 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. ===

B. equals

C. ==

D. equals

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

```
var grade='C';
```

```
var result;
```

```
switch(grade)
```

```
{
```

```
case'A':
```

```
result+="10";
```

```
break;
```

```
case'B':
```

```
result+=" 9";
```

```
break;
```

```
case'C':
```

```
result+=" 8";
```

```
break;
```

```
default:
```

```
result+=" 0";
```

```
}
```

```
console.log(result);
```

A. 10

B. 9

C. 8

D. 0

17. Which of the following variables takes precedence over the others if the names are the same?

- A. Global variable
- B. The local element
- C. The two of the above
- D. None of the above

18. 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)`

19. See the given code of JavaScript and choose the correct output from the following:

```
var string1 = "40";  
varvalueinit=50;  
console.log( string1 +intvalue);
```

- A. 4090
- B. 90
- C. 4050
- D. Exception

20. Which one of the following is an ternary operator:

- A. ?
- B. :
- C. -
- D. +

21. Which one of the following is known as the Equality operator, which is used to check whether the two values are equal or not:

- A. =

B. ===

C. ==

D. &&

22. What are the three important manipulations for a loop on a loop variable?

A. Updation, Incrementation, Initialization

B. nitialization, Testing, Incrementation

C. Testing, Updation, Testing

D. Initialization, Testing, Updation

23. A set of unordered properties that, has a name and value is called_____

A. String

B. Array

C. Serialized Object

D. Object

24. A collection of elements which may either in order or not, is called ____.

A. String

B. Array

C. Serialized Object

D. Object

25. Which one of the following options is the correct output for the given code of JavaScript?

```
var values=["Three","two","one"];
```

```
varans=values.shift();
```

```
console.log(ans);
```

A. One

B. two

C. three

D. error

Part 2. Give short answer for the following questions.

20 % mark

1. What are JavaScript Data Types?
2. What are global variables? How are these variable declared?
3. What is 'this' keyword in JavaScript?
4. Difference between "==" and "==="?
5. Does JavaScript support automatic type conversion? show in example

Part 3. write the JavaScript code for the following questions.

30 % mark

1. write the different of var, let, const
2. write all the looping syntax in JavaScript?
3. write all function syntax in JavaScript?
4. Create Array with initial value?
5. Create Object with initial value?