

Test

1. Find the output of the following.

```
const num = 10;
console.log(num + 5);
let a = 6;
a = a + num;
console.log(num - a);
```

- a. 20 , 6
- b. 15 , -6
- c. 15 , 6
- d. 20 , -6

2. Find the output of the following.

```
let a = 1;
{ let a = 2;
  { let a = 3;
    { let a = 4;
      console.log(a);
    }
    console.log(a);
  } console.log(a);
}
console.log(a);
```

- a. 3 3 2 1
- b. 4 3 2 1
- c. 4 4 3 1
- d. 1 2 3 4

3. Which of the following is an example of an anonymous function in JavaScript?

- a. var myFunc = function () { };
- b. function hello () { };
- c. var myFunc = () { };
- d. All of the above

4. What will be the output of the following?

```
var num1 = 10;
let num2 = 10;

{
  var num1 = 20;
  let num2 = 20;
}

console.log("num1:", num1, "num2:", num2);
```

- a. num1: 10 num2: 10

- b. num1: 10 num2: 20
- c. num1: 20 num2: 20
- d. num1: 20 num2: 10

5. What will be the output of the following?

```
console.log("line 4: ", a);  
var a;  
console.log("line 6: ", a);  
a = 10;  
console.log("line 8: ", a);
```

- a. line 4: undefined , line 6 : undefined . line 8 : 10
- b. line 4: undefined , line 6 : 10 . line 8 : 10
- c. line 4: 10, line 6 : 10 . line 8 : 10
- d. line 4: undefined , line 6 : undefined . line 8 : undefined

6. What will be the output of the following code?

```
const a = 10;  
const b = 20 ;  
b = b + 10;  
console.log( a + b);
```

- a. 30;
- b. 50
- c. Error
- d. 20

7. What is the output of the following code?

```
var a = "Pepcoding";  
var result = a.substring(3, 7);  
console.log(result);
```

- a. codi
- b. codin
- c. pcodi
- d. pcodin

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

```
var a = "hello";  
var sum = 0;  
for( var i =0; i < a.length ; i++) {  
sum += (a[i] -"a");  
}  
console.log(sum);
```

- a. 47
- b. NaN

- c. Error
- d. 0

9. What will be the output of the following code

```
Let obj1 = {  
  firstName : "Joe",  
  secondName : "Daem",  
  age : 5 ,  
  city : "New York"  
}  
delete obj1.age;  
console.log(obj1);
```

- a. {firstName: "Joe", secondName: "Daem", age: 5, city : "New York"}
- b. {firstName: "Joe", secondName: "Daem", city : "New York"}
- c. {firstName: "Joe"}
- d. Error

10. How can a datatype be declared to be a constant type?

- a. const
- b. var
- c. let
- d. constant

11. What will be the output of the following?

```
var a = 29;  
  
var b = a = 30;  
  
console.log(a);
```

- a. 29
- b. 30
- c. Error
- d. undefined

12. What will be the output of the following?

```
(function(a) {  
  return (function() {  
    console.log(a);  
    a = 6;  
  }) ()  
}) (12);
```

- a. 6
- b. 12
- c. Undefined
- d. null

13. What will be the output of the following?

```
var num1 = 10;
let num2 = 10;

{
  var num1 = 20;
  let num2 = 20;
  console.log("num1:", num1, "num2:", num2);
}
```

- a. num1: 10 num2: 10
- b. num1: 10 num2: 20
- c. num1: 20 num2: 20
- d. num1: 20 num2: 10

14. What will be the output of the following?

12=="12"

- a: True
- b. False
- c. undefined
- d. error

15. What will be the output of the following ?

```
console.log("line 4: ", a);
let a;
console.log("line 6: ", a);
a = 10;
console.log("line 8: ", a);
```

- a. line 4: undefined , line 6 : undefined . line 8 : 10
- b. line 4: undefined , line 6 : 10 . line 8 : 10
- c. line 4: 10, line 6 : 10 . line 8 : 10
- d. Error