Question 1:

What will be the output of the following piece of code?

```
const clothes = ['jacket', 't-shirt'];
clothes.length = 0;
console.log(clothes[0]);
```

Options
  a) Jacket
  b) Reference error
  c) Undefined (correct answer)

Question 2:

What will be the output of the following piece of code?

```
let i;
for (i = 0; i < 3; i++) {
 const log = () => {
   console.log(i);
 }
 setTimeout(log, 100);
}
```

Options
  a) 4,4,4,4 (correct answer)
  b) 3,3,3,3
  c) 0,1,2,3

Question 3:

What will be the output of the following piece of code?

```javascript
var x = 21;
var girl = function () {
    console.log(x);
    var x = 20;
};
girl ();
```

Options
  a) 20
  b) 21
  c) undefined (correct answer)

Question 4:

What will be the output of the following piece of code?

```javascript
console.log(1 < 2 < 3);
console.log(3 > 2 > 1);
```

Options:
  a) True, true
  b) True, false (correct answer)
  c) false, true

Question 5:
What will be the output of the following piece of code?

```
var b = 1;
function outer(){
    var b = 2
    function inner(){
        b++;
        var b = 3;
        console.log(b)
    }
    inner();
}
outer();
```

Options:

      a)1

      b)2

      c)3 (correct answer)

Question 6:
What will be the output of the following piece of code?

```
console.log(typeof null === typeof {})
```

Options:

  a)True (correct answer)

  b)False

  c)Null

Question 7:

What will be the output of the following piece of code?

```
const arr = [1,2,3,4,5];
console.log(arr.push(6));
```

Options:
  a) [1,2,3,4,5,6]
  b) Undefined
  c) 6 (correct answer)

Question 8:

What will be the output of the following piece of code?

```
console.log(typeof(() => {});
```

Options:
  a) Object
  b) fn()
  c) Function (correct answer)

Question 9:

Which of the following is a valid statement?

Options:
  a) arguments object is not defined in arrow functions
     (correct answer)
  b) Function declarations do not hoist
  c) Arrow functions work great as constructor methods

Question 10:

What will be the output of the following piece of code?

```
const obj = { a: 'a', b: 'b' };
Obj.a = 'r';
console.log(obj);
```

Options:
  a) { a: 'a', b: 'b' }
  b) { a: 'r', b: 'b' } (correct answer)
  c) Results in an error, since properties cannot be
     reassigned when an object is declared with const

Question 11:

Which of the following statements is true?

Options:
  a) Var, let and const have block scope
  b) Variables declared with var get hoisted (correct)
  c) You cannot change the properties of an object when
     it is declared with const

Question 12:
What will be the output of the following piece of code (assume non-strict mode and javascript running in the browser)?

```
var obj = { a:2 };
obj.a = function () { console.log(this); }
obj.a();
```

Options:
  a) window
  b) {a:2}
  c) {a: fn() } (correct answer)

Question 13:
Which of the following statements is false?

Options:
  a) Functions can be passed around as variables in javascript
  b) Javascript can be compiled as well as interpreted
  c) Javascript can only be run in browsers (correct answer)

Question 14:

What is the output of the following code?

```
let num = 1;
switch(num){
    case 1:
        num = 2;
    Default:
        num = 0;
};
console.log(num);
```

Options:
   a) 0 (correct answer)
   b) 1
   c) 2

Question 15:

What is the output of the following code?

```
var arr = [1,2,3,4];
var arr1 = arr;
arr[2] = "18";
console.log(arr1);
```

Options:
   a) [1,2,3,4]
   b) [1,2,18,4]
   c) [1,2,"18",4] (correct answer)

Question 16:

What is the output of the following code?

```
var string = "Apple";
string[0] = 'P';
console.log(string);
```

Options:
  a) Ppple
  b) Apple (correct answer)
  c) Error

Question 17:

```
var obj = {a:2, b:2};
var obj1 = obj;
obj = null;
console.log(obj, obj1);
```

Options:
  a) null, {a:2, b:2} (correct answer)
  b) null, null
  c) {a:2, b:2}, {a:2, b:2}

Question 18:

Which of the following statement is true?

Options:
  a) typeof (null) -> object (correct answer)
  b) Typeof (function() {}) -> object
  c) Typeof ([]) -> Array

Question 19:

What is the output of the following code?

```
var arr = [1,2,6,11,12];
var arr1 = arr.map(ele => ele > 10);
console.log(arr1);
```

Options:
  1. [false, false, false, true, true] (correct answer)
  2. [11,12]
  3. [1,2,6,11,12]

Question 20:

What is the output of the following code?

```javascript
var arr = [1,2,6,11,12];
var arr1 = arr.filter(ele => ele > 10);
console.log(arr1);
```

Options:
   4. [false, false, false, true, true]
   5. [11,12] (correct answer)
   6. [1,2,6,11,12]