

MCQS TEST-1 (Modern JS Essentials)

1.

Considering the given code snippet, which of the following options is correct?

Statement-1: In the **read** method, *this* refers to the **window** object.
Statement-2: In the **save** method, *this* refers to the **blog1** object.

- ☐ Both Statement-1 and Statement-2 are wrong ✓
- ☐ Only Statement-2 is correct
- ☐ Only Statement-1 is correct
- ☒ Both Statement-1 and Statement-2 are correct ✗

NEXT

```
1- function book(author, title) {
2-   return {
3-     author: author,
4-     title: title,
5-     read: function() {
6-       console.log(this);
7-     }
8-   };
9- }
10
11 const book1 = book("Stan Lee", "The Fantastic Four");
12 book1.read();
13
14 function blog(author, title) {
15-   return {
16     author,
17     title,
18     save: () => {
19       console.log(this);
20     }
21   };
22 }
```

```
}
const blog1 = blog("Mark", "Latest Updates in ES6");
blog1.save();
```

2.

What would be the output of the given JavaScript code in the console?

- ☐ 12
- ☐ 24
- ☒ 36 ✗
- ☐ 72 ✓

```
1 const positiveIntegers = [2, 3, 4];
2
3- function getProduct(a, b, c = 2, d = 3) {
4-   return a * b * c * d;
5- }
6
7 console.log(getProduct(...positiveIntegers));
```

3.

What would be the output of the given JavaScript code in the console?

- ☐ integer is an result number.
- ☒ 3 is an odd number. ✗
- ☐ {integer} is an {result} number.
- ☐ {integer} is an odd number. ✓

```
1 const integer = 3;
2 const result = integer % 2 === 0 ? "even" : "odd";
3
4 console.log(`${integer} is an ${result} number.`);
```

4.





What would be the output of the given JavaScript code in the console?

- ☐ 10
10
5
20
- ☒ 5
10 
5
20
- ☐ 10
10 
10
20

```
1 let apple = { cost: 5 };
2 let banana = apple;
3 let mango = { cost: 20 };
4
5 banana.cost = 10;
6
7 console.log(apple.cost);
8 console.log(banana.cost);
9
10 banana = mango;
11
12 console.log(apple.cost);
13 console.log(banana.cost);
```



5.

Spread operator can be used to?

- ☒ Combine arrays or objects 
- ☒ Pass varying number of arguments to a function 
- ☒ Copy an array or object 
- ☒ Pack multiple values into an array 

6.

What would be the output of the given JavaScript code in the console?

- ☐ ["length", "width"]
- ☐ ["length", "length", "height", "width"]
- ☐ ["length", "height", "width"] 
- ☒ ["length", "height"] 

```
1 const room1 = {length: 300, heighth: 200};
2 const room2 = {length: 100, width: 150};
3 const room3 = {...room1, ...room2};
4
5 console.log(Object.getOwnPropertyNames(room3));
```

7.

What would be the output of the given JavaScript code in the console?

- ☐ SyntaxError
- ☒ ["b", "f", "g"] ❌
- ☐ ["f", "g"]
- ☐ ["d", "f", "g"] ✔️

```
1 const consonants = ["b", "c", "d", "f", "g"]
2 const [c, d, ...rest] = consonants;
3
4 console.log(rest);
```

8.

The following code throws an error. Choose the correct reason for the error.

- ☐ Wrong forEach syntax
- ☐ Rest parameter must be the last parameter ✔️
- ☒ Both of the given options ❌

NEXT

PREVIOUS

```
1 function getSum(firstArg, ...rest, lastArg) {
2   let sum = firstArg + lastArg;
3
4   rest.forEach(eachNum => {
5     sum = sum + eachNum;
6   });
7
8   return sum;
9 }
10
11 console.log(getSum(1, 2, 3));
```

9.

Considering the given code snippet, *this* refers to the *window* object.

- ☒ True ❌
- ☐ False ✔️

NEXT

PREVIOUS

```
1 const pen = {
2   color: "Blue",
3   brand: "Cello",
4   write() {
5     console.log(this);
6   }
7 };
8
9 pen.write();
```

10.

What would be the output of the given JavaScript code in the console?

- ☐ Gir National Park
8598
Nanda Devi
- ☒ Sundarbans
8598
TypeError
- ☐ Sundarbans
8598
Nanda Devi
- ☐ Sundarbans
TypeError
TypeError

```
1 let forest = "Gir National Park";
2 forest = "Sundarbans";
3
4 const hill = {name: "Kanchenjunga", height: 8588};
5 hill.height = 8598;
6
7 console.log(forest);
8 console.log(hill.height);
9
10 hill = {name: "Nanda Devi", height: 7816};
11
12 console.log(hill.name);
13
```

11.

What would be the output of the given JavaScript code in the console?

- ☒ 48
- ☐ 3456
- ☐ SyntaxError
- ☐ 29

```
1 const compositeNumbers = [2, 4, 6, 8, 9];
2
3 function getProduct(a, b, rest) {
4     return a * b * rest;
5 }
6
7 console.log(getProduct(...compositeNumbers));
```

12.

Considering the given code snippet, which of the following options is correct?

Statement-1: In the **cook** method, *this* refers to the **chef** object.
Statement-2: In the **run** function, *this* refers to the **window** object.

- ☒ Only Statement-2 is correct
- ☐ Both Statement-1 and Statement-2 are correct
- ☐ Only Statement-1 is correct
- ☐ Both Statement-1 and Statement-2 are wrong

NEXT

```
1 const chef = {
2     name: "Peter",
3     cook: () => {
4         console.log(this);
5     }
6 };
7
8 chef.cook();
9
10 function run() {
11     console.log(this);
12 }
13
14 run();
```

13.

Considering the given code snippet, which of the following options are true?

- ☒ In the monitor method, 'this' refers to the window object ✗
- ☒ In the start method, 'this' refers to the treadmill1 instance ✓
- ☒ In the monitor method, 'this' refers to the smartWatch1 instance ✓
- ☐ In the start method, 'this' refers to the window object

NEXT

PREVIOUS

```
1 function SmartWatch(price) {
2   this.price = price;
3   this.monitor = function() {
4     console.log(this);
5   };
6 }
7
8 const smartWatch1 = new SmartWatch(2000);
9 smartWatch1.monitor();
10
11 function TreadMill(color) {
12   this.color = color;
13   this.start = () => {
14     console.log(this);
15   };
16 }
17
18 const treadmill1 = new TreadMill("blue");
19 treadmill1.start();
```

14.

What would be the output of the given JavaScript code in the console?

- ☐ ["Pencil"]
["Pen"]
- ☒ Pen
Pencil ✓
- ☐ ["Pen"]
["Pencil"]
- ☐ Pen
Pen ✗

```
1 const stationery = ["Pencil", "Eraser", "Stapler"];
2 const store = stationery;
3 const bag = [...stationery];
4
5 stationery[0] = "Pen";
6
7 console.log(store[0]);
8 console.log(bag[0]);
```

15.

What would be the output of the given JavaScript code in the console?

- ☐ subItem1
item2
- ☒ subItem1
undefined ✓
- ☐ subItem1
subItem2
- ☐ undefined
undefined ✗

```
1 const myArray = ["subItem1", "item2", "item3", "item4"];
2 const [item1, item2] = myArray;
3 const [subItem1, subItem2] = item1;
4
5 console.log(subItem1);
6 console.log(subItem2);
```

16.

What would be the output of the given JavaScript code in the console?

- ☐ laptop
- ☒ mobile ✓
- ☐ watch
- ☐ desktop ✗

```
1 const gadgets = ["mobile", "laptop", "watch"];
2 let [ x ] = gadgets;
3
4 x = "desktop";
5
6 console.log(gadgets[0]);
```

17.

What would be the output of the given JavaScript code in the console?

- ☐ true ✗
- ☒ false ✓

```
1 const result = false ? true ? false : true : false;
2
3 console.log(result);
```

18.

What would be the output of the given JavaScript code in the console?

- ☐ undefined
undefined
- ☐ {item: "Face Cream", category: "Cosmetics"}
{item: "Cricket Bat", category: "Sports"} ✗
- ☒ {item: "Face Cream", category: "Cosmetics"}
undefined ✓
- ☐ undefined
{item: "Cricket Bat", category: "Sports"}

```
1 const convertToObject1 = (item, category) => ({item, category});
2
3 const convertToObject2 = (item, category) => {item, category};
4
5 console.log(convertToObject1("Face Cream", "Cosmetics"));
6 console.log(convertToObject2("Cricket Bat", "Sports"));
```

19.

What would be the output of the given JavaScript code in the console?

- ☐ B
E ✓
- ☐ E
B ✗
- ☐ B
B
- ☐ E
E

```
1 const alphabet = "B";
2 let vowel = alphabet;
3 vowel = "E";
4
5 console.log(alphabet);
6 console.log(vowel);
```

20.

What would be the output of the given JavaScript code in the console?

☐ [1, 2, 3]

☐ 2

☒ 4

☐ 1

```

1 const arr1 = [1, 2, 3];
2 const arr2 = [...arr1, 4, 5, 6];
3
4 console.log(arr2[1]);

```

21.

Considering the given code snippet, which of the following options is correct?

Statement-1: In the **drive** method, *this* refers to the **driver** object.

Statement-2: In the **roar** method, *this* refers to the **window** object.

☐ Only Statement-2 is correct

☐ Both Statement-1 and Statement-2 are wrong

☐ Only Statement-1 is correct

☒ Both Statement-1 and Statement-2 are correct

SUBMIT

```

1 const driver = {
2   name: "Jack",
3   drive: function() {
4     setTimeout(() => {
5       console.log(this);
6     }, 1000);
7   }
8 };
9
10 driver.drive();
11
12 const lion = {
13   roar: () => {
14     setTimeout(() => {
15       console.log(this);
16     }, 1000);
17   }
18 };
19
20 lion.roar();

```

22.

What would be the output of the given JavaScript code in the console?

☐ undefined

☐ 1

☐ 2

☒ 3

```

1 const myArray = ["x", "y", "z"];
2
3 const getLength = (...args) => {
4   console.log(args.length);
5 };
6
7 getLength(...myArray);

```

23.

What would be the output of the given JavaScript code in the console?

☐ 1.8
☒ undefined
☐ null
☐ 200

SUBMIT

SKIP

```

1 const camera = {
2   brand: "Nikon",
3   megapixel: 48,
4   aperture: 1.8,
5   focalLength: 200,
6   cost: 40000
7 };
8
9 const {aperture, focalLength, ...rest} = camera;
10
11 console.log(rest.aperture);
  
```

24.

What would be the output of the given JavaScript code in the console?

☐ blue
rough
10
☐ blue
smooth
12
☐ blue
smooth
10
☒ blue
rough
12

```

1 const ceiling1 = {color: "blue", texture: "smooth"};
2 const ceiling2 = {rating: 10, texture: "rough"};
3 const ceiling3 = {...ceiling1, ...ceiling2};
4 const ceiling4 = {...ceiling3, rating: 12};
5
6 console.log(ceiling4.color);
7 console.log(ceiling4.texture);
8 console.log(ceiling4.rating);
  
```

25.

What would be the output of the given JavaScript code in the console?

- ☐ 200
☐ null
☐ 1.8
☒ undefined

SUBMIT

```

1 const camera = {
2   brand: "Nikon",
3   megapixel: 48,
4   aperture: 1.8,
5   focalLength: 200,
6   cost: 40000
7 };
8
9 const {aperture, focalLength, ...rest} = camera;
10
11 console.log(rest.aperture);
  
```