



JavaScript Quiz3 – 50 Questions (All Topics Mixed)

- Covers: Variables, Operators, Arrays, Objects, DOM, Functions, Events, Loops, Async, and more
 - Format: 50 **multiple-choice questions**
 - Answers at the end
 - Level: Beginner to intermediate (matching LPI difficulty)
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Question 1

Which of the following is a valid variable name in JavaScript?

- A) 2value
 - B) value-2
 - C) _value2
 - D) var!
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What does `document.querySelector("#main")` return?

- A) A list of elements
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Which operator is used to **assign** a value to a variable?

- A) ==
 - B) ===
 - C) =
 - D) :=
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What will this log?

```
console.log(typeof []);
```

- A) "array"
 - B) "object"
 - C) "list"
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Question 5

What is the result of:

```
"10" + 5
```

- A) 15
 - B) "105"
 - C) NaN
 - D) Error
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Question 6

Which of these is **NOT** a loop in JavaScript?

- A) `do...while`
 - B) `until`
 - C) `for`
 - D) `while`
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Question 7

What is `typeof null`?

- A) "null"
- B) "undefined"
- C) "object"
- D) "false"

Question 8

What does the following function return?

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function add(a, b) {  
    return a + b;  
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- A) Adds two strings only
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 - C) Nothing
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Question 9

Which method adds an element to the **end** of an array?

- A) `shift()`
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What's the correct way to write an arrow function with one parameter?

- A) `(x) => x + 1`
 - B) `x => { x + 1 }`
 - C) `x => return x + 1;`
 - D) `function => x + 1`
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Question 11

What will this return?

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typeof function() {}
```

- A) "object"
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 - C) "method"
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Question 12

How can you stop an event from bubbling?

- A) `event.stopPropagation()`
 - B) `event.preventDefault()`
 - C) `event.stop()`
 - D) `event.cancelBubble()`
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Question 13

What is the output of:

```
console.log(0 == false);
```

- A) true
 - B) false
 - C) 0
 - D) Error
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Question 14

Which keyword is used to define a **constant**?

- A) `let`
 - B) `var`
 - C) `const`
 - D) `define`
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Question 15

What is the result of:

```
[1, 2, 3].length
```

- A) 2
 - B) 3
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Question 16

Which method is used to convert a string to a number?

- A) `toInt()`
 - B) `parseInt()`
 - C) `convert()`
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Question 17

How do you comment multiple lines in JavaScript?

- A) `## comment ##`
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Question 18

What does `JSON.parse()` do?

- A) Converts a JSON string into a JS object
 - B) Converts an object into JSON
 - C) Validates JSON
 - D) Decodes base64
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Question 19

Which loop guarantees **at least one execution**?

- A) `while`
- B) `for`

- C) `do...while`
 - D) `loop`
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Question 20

What is the output?

```
console.log("5" - 2);
```

- A) 3
 - B) "3"
 - C) NaN
 - D) "52"
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Question 21

What does `Array.isArray()` return?

- A) true if it's an array
 - B) the array's length
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Question 22

What is a Promise?

- A) A function
 - B) A way to handle async code
 - C) A DOM event
 - D) An object that blocks code
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Question 23

Which keyword is required before using `await`?

- A) `async`
- B) `defer`

- C) `promise`
 - D) `then`
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Question 24

How do you write an **immediately invoked function**?

A)

```
function() {}();
```

B)

```
(function() {}());
```

C)

```
() => {}();
```

D)

```
let f = run();
```

Question 25

What does this output?

```
Boolean("false")
```

- A) `false`
 - B) `true`
 - C) `"false"`
 - D) `undefined`
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Question 26

What is the DOM?

- A) JavaScript syntax rules
 - B) The browser window
 - C) A programming language
 - D) The structure of a web page
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Question 27

How do you **select all elements** with class `btn`?

- A) `getElementById("btn")`
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Question 28

What is the use of `addEventListener()`?

- A) Adds an HTML tag
 - B) Adds a function to an element's event
 - C) Creates a loop
 - D) Defines a variable
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Question 29

Which value is **not falsy**?

- A) `0`
 - B) `" "`
 - C) `null`
 - D) `"0"`
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Question 30

What will this log?

```
console.log([] == []);
```


- A) true
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Question 31

What is a callback function?

- A) A function called after a delay
 - B) A function passed into another function
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What is the result of:

```
typeof "hello"
```

- A) string
 - B) String
 - C) "string"
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Question 33

Which method removes the **last item** in an array?

- A) `pop()`
 - B) `shift()`
 - C) `splice()`
 - D) `remove()`
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Question 34

How do you declare an **empty object**?

- A) `let obj = []`
 - B) `let obj = {};`
 - C) `let obj = "";`
 - D) `let obj = null;`
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Question 35

Which function delays code execution once?

- A) `setInterval()`
 - B) `setTimeout()`
 - C) `delay()`
 - D) `await()`
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Question 36

What will be output?

```
let a;  
console.log(a);
```

- A) undefined
 - B) null
 - C) 0
 - D) ""
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Question 37

Which value is returned from this?

```
"2" * "3"
```

- A) "23"
 - B) 6
 - C) NaN
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Question 38

How do you **prevent a form from submitting**?

- A) `form.reset()`
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What is the use of `try...catch`?

- A) To execute code multiple times
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Which method changes an array by removing or replacing elements?

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Which type of scope does `let` have?

- A) Global
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Which keyword **exits** a loop?

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What is the result of:

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Which method returns the **index** of an item?

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What is `typeof []`?

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What is the purpose of `return` in a function?

- A) It calls the function
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