

**JS** Javascript series-PART56

# Advanced JS interview QnA

for beginners



Designed by .  
**Vaishnavi bairagi**

Art by- Dolores, Shutong Liu





## 1. Explain the difference between `Object.freeze()` vs `const`

`const` and `Object.freeze` are two different functions in JavaScript. `const` applies to bindings variables. It creates an immutable binding, which means it is not possible to assign a new value to the binding.

`Object.freeze` works on object values. It makes an object immutable, which means changing its properties is not possible.

## 2. Explain NaN and its role

When a value in an operation is not a number, it returns NaN. It may occur in a few instances. For example, if an operation can return a suitable output because a portion of the function was non-numeric or the result has a value that is not numeric.







### 3. Explain arrow functions

An arrow function is a concise way to write function expressions. Arrow functions are not constructors and do not support the keywords `this`, `arguments`, `super` or `new.target`. It is best suited for functions that are not methods.

### 4. Explain the JavaScript event delegation model

Instead of specifying nodes, event delegation enables you to add event listeners to a single parent. This listener analyses bubbled events to locate a match on the child elements.





## 5. Explain Javascript cookies

Cookies are the tiny text files that are properly stored in a computer and they develop when the user goes to the websites to store some information that they require. Examples are username details and information about the shopping cart content from earlier visits.

## 6. What is the use of break and continue statements in JavaScript?

The break statement jumps out from a running loop, whereas the continue statement allows the loop to keep running after breaking just one iteration.





## 7. What is the significance & benefits of including "use strict" in JS file.

The "use strict" is not a statement, rather a literal expression that is vital to your code as it presents a way for voluntarily enforcing a stricter parsing and error handling process on your JavaScript code files or functions during runtime. Most importantly, it just makes your code very easy to manage.

## 8. What is the use of weakmap object in JS?

The WeakMap object is basically a collection of key or value pairs where the keys are weakly referenced. It provides a way for extending objects from the outside without meddling into the garbage collection.





## 9. What is asynchronous programming and why it is needed?

Asynchronous programming means that the program engine runs in an event loop. Only when blocking operation is required, a request is started, and the code runs without blocking the result.

This is vital in JavaScript because it is a very natural fit for the user interface code and very efficient performance-wise on the server end.

## 10. What is the drawback of creating true private method in javascript?

One of the drawbacks of creating a true private method in JavaScript is that they are highly memory consuming. A new copy for each method is created for every instance.





## 11. What is temporal dead zone in ES6.

In ES6, Temporal Dead Zone is a behavior occurring in JavaScript while declaring a variable with the `let` and `const` keywords. The period between entering the scope and being declared is the one when these keywords cannot be accessed and enter the Temporal Dead Zone.

## 12. Why is 'this' operator inconsistent in javascript.

In JavaScript, this operator always refers to the object, which is invoking the function being executed. So, if the function is currently being used as an event handler, this operator will refer to the node which fired the event.







### 13. What is the difference between `map()` & `filter()` in javascript.

The `map` function returns the same number of elements as present in the original array but the value of elements will be transformed in some way.

`filter` function can return fewer or more elements than the original array but the value of the original elements will not change.

### 14. What is currying in javascript.

It is an advanced technique of working with functions that can accept multiple arguments. It will transform this function into a series of functions, where every function will accept one argument: