

# Quiz 6: ES6 and Asynchronous File I/O

**Due** Oct 24 at 11:59pm

**Points** 10

**Questions** 10

**Available** Oct 20 at 5pm - Oct 24 at 11:59pm

**Time Limit** 15 Minutes

This quiz was locked Oct 24 at 11:59pm.

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	15 minutes	9 out of 10

Score for this quiz: **9** out of 10

Submitted Oct 23 at 1:56pm

This attempt took 15 minutes.

### Question 1

1 / 1 pts

Which of the following is NOT a means of performing I/O operations in Node.js

☐ Synchronous mode

☐ Asynchronous mode

☒ Multi-threaded mode

☐ Streaming mode

Correct!

### Question 2

0 / 1 pts

When you asynchronously read a file in Node.js in non-streaming mode, the handler is called when

u Answered

☒ The current context completes and part of the file read is done

☐

The entire file read is done regardless of whether the current context completes

rrrect Answer

☐

The current context completes AND the entire file read is done

☐

The file read is partially done regardless of whether the current context completes

### Question 3

1 / 1 pts

In Node.js, when the asynchronous function for reading a file cannot find the file to read, it is

☐

Called with an exception to indicate the error

☐

None of the others

☐

Called with a value of null for the data parameter

Correct!

☒

Called with the first parameter set to the error string/object

### Question 4

1 / 1 pts

When you read a file in streaming mode in Node.js, the chunk/blob size is

☒

None of the others

☐

65536 bytes or until end of file, whichever is higher

Correct!

- ☐ 65536 bytes always
- ☐ Until the end of the file always

### Question 5

1 / 1 pts

The event that is emitted on a http network stream when there's an incoming connection is

- ☐ connection
- ☐ None of the others
- ☐ data
- ☒ request

Correct!

### Question 6

1 / 1 pts

In ES6, declaring a method 'm' inside a class is equivalent to which of the following in prototypal declaration with a constructor function 'foo' in ES5 ?

- ☐ None of the others
- ☐ Adding m to foo
- ☒ Adding m to foo.prototype
- ☐ Adding m to an instance of foo object

Correct!

### Question 7

1 / 1 pts

The main difference between constructor functions declared inside a class in ES6 syntax and constructor functions declared using the ES5 syntax is (below, calling as standalone functions means without using the 'new' operator)

- ☐ Neither can be called as standalone functions
- ☐ The latter cannot be called as standalone functions
- ☒ The former cannot be called as standalone functions
- ☐ None of the others

Correct!

### Question 8

1 / 1 pts

An arrow function in ES6 cannot have which of the following attributes

- ☐ Nested function
- ☒ Name
- ☐ Function as a parameter
- ☐ Return value

Correct!

### Question 9

1 / 1 pts

The value of 'this' within an arrow function in ES6 is bound to which of the following:

**Correct!**

- ☒ The lexical scope of the function in which it is declared
- ☐ The value it is bound to at function invocation time
- ☐ The value of the object that it is invoked as a method of
- ☐ None of the others

### Question 10

1 / 1 pts

When you declare a sub-class 's' of another class 'c' using the 'extends' keyword in ES6, which of the following keywords is used to refer to the base class c's constructor from within the s's constructor

- ☐ base
- ☒ super
- ☐ parent
- ☐ None of the others

**Correct!**

Quiz Score: **9** out of 10