

# Quiz 3: JavaScript Functions and Closures

**Due** Sep 26 at 11:59pm

**Points** 10

**Questions** 10

**Available** Sep 22 at 5:30pm - Sep 26 at 11:59pm

**Time Limit** 15 Minutes

## Instructions

Please watch both Part 6 of module 2 and all the six parts of module 3 before attempting the quiz . This'll have questions on both modules.

This quiz was locked Sep 26 at 11:59pm.

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	15 minutes	8 out of 10

Score for this quiz: **8** out of 10

Submitted Sep 24 at 10:58am

This attempt took 15 minutes.

### Question 1

0 / 1 pts

When you create a new object using "var p = Object.create(obj);", which of the following is true ?

- A. The prototype property of object p is set to 'obj'
- B. The prototype object of object p is set to 'obj'
- C. The prototype object of object p is set to 'obj.prototype'
- D. None of the above

u Answered

☒ A

rrrect Answer

☐ B

☐ C

☐ D

## Question 2

1 / 1 pts

Which of the following relection/type-checking operations don't work when you create objects with `Object.create` (i.e., the operation doesn't even make sense).

- A. `typeof`
- B. `Object.getPrototypeOf()`
- C. `instanceof`
- D. `in`

Correct!

☒ C

☐ D

☐ B

☐ A

## Question 3

1 / 1 pts

Which of the following is true of functions in JavaScript ?

- A. Every JavaScript function has both a `.prototype` property and a prototype object
- B. Every JavaScript function has a prototype object, but only constructor functions have a `.prototype` property
- C. Only constructor functions have both the prototype object and the `.prototype` property
- D. None of the above

Correct!

☒ A

☐ B

☐ D

☐ C

#### Question 4

1 / 1 pts

When a method is called on an object say 'obj.foo()', the value of 'this' within the method foo is

- A. Set to the global context (e.g., window) at compile time
- B. Set to the global context (e.g., window) at invocation time
- C. Set to 'obj' at compile time
- D. Set to 'obj' at invocation time

☐ C

☐ B

☐ A

Correct!

☒ D

#### Question 5

1 / 1 pts

The main difference between .apply and .call in JavaScript is

- A. .apply requires you to specify this
- B. .call requires you to specify this

C. .apply requires the arguments to be passed in an array

D. .call requires the arguments to be passed in an array

Correct!

☒ C

☐ A

☐ B

☐ D

### Question 6

1 / 1 pts

Which of the following is NOT true of exceptions in JavaScript ?

A. Exceptions can be thrown at any point in the code

B. Exceptions can be of any data type

C. Exceptions can have any properties you want

D. Exceptions must be caught by the calling code

☐ B

Correct!

☒ D

☐ C

☐ A

### Question 7

1 / 1 pts

In a closure consisting of a nested function 'foo' returned by an outer function 'goo', which of the following are preserved in terms of their value being persisted across calls to 'foo'?

- A. All the local variables of 'foo'
- B. All the local variables of 'goo'
- C. All the local variables of 'goo' referenced by 'foo'
- D. Both the local variables of 'goo' referenced by 'foo', and the local variables of 'foo'

Correct!

☒ C

☐ B

☐ A

☐ D

### Question 8

1 / 1 pts

In order for a closure to be created inside a function 'foo' returning an object 'obj', which of the following must be true ?

- A. obj's methods must reference a local variable or argument of 'foo'
- B. obj's methods must reference an instance variable of obj
- C. foo must reference an instance variable of 'obj'
- D. foo must reference a method of 'obj'

Correct!

☒ A

☐ D

☐ C

☐ B

### Question 9

1 / 1 pts

When a constructor function returns a value when it is invoked with the 'new' operator, the new object created is lost when which of the following is true ?

- A. The return value is a primitive type
- B. The return value is set to undefined
- C. The return value is set to 'this'
- D. The return value is another object

☐ B

☐ C

☒ D

☐ A

Correct!

### Question 10

0 / 1 pts

Which of the following can NOT be accomplished using function.bind in JavaScript ?

- A. Fix the value of the function's arguments
- B. Fix the value of the function's this value
- C. Fix the value of the function's return value
- D. None of the above

☒ B

☐ C

☐ D

Not Answered

Incorrect Answer

☐ A

Quiz Score: **8** out of 10