



Take Test: JavaScript Midterm

Test Information

Description Javascript Midterm

Instructions This is the JavaScript midterm. You will have one attempt with 90 minutes to complete 20 questions for 100 pts.

Timed Test This test has a time limit of 1 hour and 30 minutes. You will be notified when time expires, and you may continue or submit. Warnings appear when **half the time, 5 minutes, 1 minute, and 30 seconds** remain.

Multiple Attempts Not allowed. This test can only be taken once.

Force Completion This test can be saved and resumed later. The timer will continue to run if you leave the test.

Saving All Answers

Close Window

Save and Submit

QUESTION 1

5 points

Save Answer

Is jQuery a W3C standard?

- ☐ Yes
- ☒ No

QUESTION 2

5 points

Save Answer

With jQuery, look at the following selector: \$("div.intro"). What does it select?

- ☐ The first div element with id="intro"
- ☐ The first div element with class="intro"
- ☒ All div elements with class="intro"
- ☐ All div elements with id="intro"

QUESTION 3

5 points

Save Answer

Which sign does jQuery use as a shortcut for jQuery?

- ☐ the ? Sign
- ☐ the % sign

- ☒ the \$ sign

QUESTION 4**5 points****Save Answer**

Where is the correct place to insert a JavaScript?

- ☐ The section
- ☐ The section
- ☒ Both the section and the section are corre

QUESTION 5**5 points****Save Answer**

What is the correct jQuery code for making all div elements 100 pixels high?

- ☒ \$("div").height(100)
- ☐ \$("div").height="100"
- ☐ \$("div".height)="100px"
- ☐ \$("div").yPos(100)

QUESTION 6**5 points****Save Answer**

What does this function do?

```
function whoop(arr) {  
    return arr.slice(0).sort();  
}
```

- ☒ Returns a sorted copy of the array
- ☐ Sorts the original array
- ☐ It throws an error.
- ☐ Returns only the first, smallest, element of the array

QUESTION 7**5 points****Save Answer**

What is the correct jQuery code to set the background color of all p elements to red?

- ☒ \$("p").css("background-color","red");
- ☐ \$("p").manipulate("background-color","red");
- ☐ \$("p").style("background-color","red");
- ☐ \$("p").layout("background-color","red");

QUESTION 8**5 points****Save Answer**

The external JavaScript file must contain the

- ☐ It throws an error.
- ☐ Returns an array
- ☒ If a string is passed, returns a reversed copy
- ☐ Returns the same string that was passed

QUESTION 10**5 points****Save Answer**

jQuery uses CSS selectors to select elements?

- ☒ True
- ☐ False

QUESTION 11**5 points****Save Answer**

What does this function do?

```
function whatdoldo() {  
    var values = [];  
    myBlock: {  
        values.push('1');  
        values.push('2');  
        break myBlock;  
        values.push('3');  
    }  
    values.push('4');  
    return values.join(',');  
}
```

- ☐ It will return the string '1,2,3,4'
- ☐ This is not valid JavaScript – it will throw an error
- ☒ It will return the string '1,2,4'
- ☐ It throws an error.

QUESTION 12**5 points****Save Answer**

Is jQuery a library for client scripting or server scripting?

- ☒ Client scripting
- ☐ Server scripting

QUESTION 13**5 points****Save Answer**

How do you call a function named "myFunction"?

- ☒ myFunction()
- ☐ call myFunction()
- ☐ call function myFunction()

QUESTION 14**5 points****Save Answer**

What does this function do?

```
function forrest(str) {  
    return document.querySelectorAll('*').length;  
}
```

- ☒ Returns the number of elements on the page
- ☐ Initializes an empty XHTML namespace
- ☐ Throws an error
- ☐ Returns false

QUESTION 15**5 points****Save Answer**

How do you write "Hello World" in an alert box?

- ☐ msg("Hello World");
- ☐ alertBox("Hello World");
- ☒ alert("Hello World");
- ☐ msgBox("Hello World");

QUESTION 16**5 points****Save Answer**

What does this function do?

```
function mystery(param) {  
    if ( color !== 'blue' || ( color !== 'green') {  
        color = 'red';  
    }  
}
```

- ☐ Always returns red
- ☐ Returns blue, green or red, depending on the parameter "color"
- ☒ It throws an error
- ☐ Returns only blue and green

QUESTION 17**5 points****Save Answer**

What does this function do?

```
functions mystery(param) {  
    return { blue:"#0000FF", green:"#00FF00", red:"#FF0000"}[param];  
}
```

- ☐ It returns an object with colors and an array with the value of param
- ☐ It converts red, green and blue colors to their hex values
- ☒ This is invalid JavaScript code

QUESTION 18**5 points****Save Answer**

What does this function do?

```
function mystery(arr) {
```

```
    return arr.filter(function (elem, pos) {  
        return arr.indexOf(elem) ==;  
    });  
};
```

- ☐ Sums all the elements in the array
- ☐ Always returns an empty array
- ☒ It throws an error.
- ☐ Removes duplicate values from an array

QUESTION 19

5 points**Save Answer**

What does this function do?

```
function whatdoIDo(num) {  
    return this + num  
}  
whatdoIDo = whatdoIDo.bind(10);
```

- ☐ It will always return 10
- ☐ It will always return 10 more than the number passed as an argument
- ☐ It will always return undefined
- ☒ It throws an error.

QUESTION 20

5 points**Save Answer**

What is the correct way to write a JavaScript array?

- ☐ var colors = "red", "green", "blue"
- ☒ var colors = ["red", "green", "blue"]
- ☐ var colors = 1 = ("red"), 2 = ("green"), 3 = ("blue")
- ☐ var colors = (1:"red", 2:"green", 3:"blue")

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Saving All Answers

Close Window

Save and Submit