

JAVASCRIPT & JQUERY SURVIVAL GUIDE

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Final Exam

Bookmark

FINAL EXAM (100/100 POINTS)

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1) Which of the following statements is true about JQuery?

- ☐ JQuery is a subset of Java and requires the Maven build system to be installed in your browser
- ☒ JQuery is an open source JavaScript library that makes selecting and modifying web page elements significantly easier
- ☐ JQuery is a technology that disables JavaScript and allows you to execute legacy Java in the browser
- ☐ JQuery is a network protocol that allows you to inspect all GET and POST HTTP requests for any web page that uses the HTTPS protocol

2) Which of the following lines of code will allow you to defer your JavaScript code until every DOM element is ready to be manipulated?

- ☐ \$.document.ready(function(){});
- ☒ \$(document).ready(function(){});
- ☐ \$(HTML).ready(function(){});
- ☐ \$.HTML.ready(function(){});

3) Which of the following statements is true about Firebug, the Mozilla Firefox web browser extension?

- ☐ Firebug is included with Firefox by default and does not need to be installed
- ☒ Firebug is not part of Firefox by default, it must be installed manually, and anyone can install it
- ☐ Firebug is included with Firefox by default, but it must first be unlocked by a network administrator
- ☐ Firebug is not part of Firefox by default and must be installed by a network administrator

4) Which of the following statements is true about Chrome Developer Tools?

- ☐ Chrome Developer Tools is an internal application available only to employees of Google
- ☐ Chrome Developer Tools must be installed via a secure download portal before you install the Google Chrome browser
- ☒ Chrome Developer Tools is available and fully functional for anyone who has the Google Chrome browser installed on their computer
- ☐ Chrome Developer Tools will not work over a Wi-Fi connection due to security restrictions

5) Which of the following statements best describes GitHub?

- ☐ An open source platform
- ☐ An online community
- ☐ A place to share code
- ☒ All of the above

6) Which of the following statements is true about the acronym CSS?

- ☒ CSS stands for "Cascading Style Sheets" and is used to make changes to the appearance or style of a web page
- ☐ CSS stands for "Cascading Style Sheets" and was discontinued in 1996. It is no longer used in modern browsers
- ☐ CSS stands for "Control Server Settings" and is used to manage advanced properties of the Apache web server
- ☐ CSS stands for "Cascading Style Sheets" and is used to make changes to the way JavaScript code is stylized and formatted in text editors

7) Which of the following statements is true about JavaScript and changing the style of web page elements?

- ☒ JavaScript can be used to dynamically change the style of web page elements
- ☐ JavaScript has no access to the style of web page elements due to browser security restrictions
- ☐ JavaScript can only be used to manipulate the style of web page elements if an encrypted hash is stored on the web server
- ☐ JavaScript can only be used to manipulate the style of web page elements if the HTTPS protocol is used

8) Consider the following code. What will happen when this code is executed?

```
$('#p').css('color', 'blue');
```

- ☐ Any HTML element with blue text will be indexed on the server
- ☐ All paragraph HTML elements will have their Channel Single Selector cache set to blue
- ☐ All unordered list HTML elements will have their text color changed to blue
- ☒ All paragraph HTML elements will have their text color changed to blue

9) Consider the following code. Where will the message "Hello" appear?

```
console.log("Hello");
```

- ☐ An alert in the user's browser
- ☐ In an error log that is saved on the server
- ☒ In the JavaScript console of the user's browser
- ☐ In the DOM targeting the first HTML element with the class "console"

10) What is the purpose of using console.dir() ?

- ☒ It allows you to inspect JavaScript objects in the JavaScript console
- ☐ It allows you to inspect all network activity for the given URL
- ☐ It provides access to any GitHub repository for which you are a defined contributor
- ☐ It allows you to download software from the Defined Internet Resources registry

11) Using JQuery, how would you create a new paragraph DOM element, which contains the text "Hello" and assign it to the variable: test?

- ☒ var test = \$('<p>Hello</p>');
- ☐ var test = \$.create('<p></p>').assign('Hello');
- ☐ var Hello = \$('<p>test</p>');
- ☐ define test as \$('<p>Hello</p>');

12) Consider the following code. What does the word this represent?

```
$('#p').click(function () {  
  $(this).css('color', 'red');  
});
```

- ☐ Any paragraph element whose CSS color property has a value of red
- ☒ The paragraph element that was just clicked
- ☐ The window object
- ☐ The base abstract JavaScript function class

13) Which of the following lines of code will correctly remove all anchor tags from the page?

- ☒ \$('a').remove();
- ☐ \$('a').removeElement();
- ☐ \$('a').removeAll();
- ☐ \$('a').setNull();

14) Consider the following code. What will happen when the submit button is clicked?

```
$('#form input[type="submit"]').click(function (event) {
    event.preventDefault();
});
```

- ☐ The form will be submitted
- ☒ The form will not be submitted
- ☐ The form will be submitted, but only the default data set will be sent
- ☐ The form will not be submitted and any default text inputs will be permanently deleted

15) Consider the following code. What would you call the argument being passed to the `click()` method?

```
$('#p').click(function () {
    alert('I was clicked');
});
```

- ☐ A function declaration
- ☒ An anonymous function
- ☐ An overloaded method
- ☐ An undefined function

16) Consider the following code. What will happen when it is executed?

```
$('#login').toggle();
```

- ☒ If the element with the id: login is displayed, it will be hidden from view. If it is hidden, it will be displayed
- ☐ If the element with the id: login is displayed, it will be removed. If it is hidden, it will be displayed
- ☐ If the element with the id: login is displayed, it will be hidden from view. If it is hidden from view, it will be removed
- ☐ If the element with the id: login is displayed, it will be hidden from view. If it is hidden from view, it will be ignored

17) Which of the following statements is true about event handlers in JavaScript?

- ☐ An event handler is an encrypted key/value pair that is assigned to a mouse click
- ☐ An event handler is back-end web developer who creates server-side response code
- ☐ An event handler is a front-end web developer who is trained in HTML event dynamics
- ☒ An event handler is a function that contains JavaScript code that you want executed when a specific event occurs

18) Consider the following code. How do you remove the click event handler that has been assigned?

```
$('#p').click(function () {
    $(this).css('color', 'red');
});
```

- ☐ Use the jQuery `remove()` method
- ☐ Use the jQuery `removeClienHandler()` method
- ☐ Use the jQuery `click()` method, and pass `-1` as the first argument
- ☒ Use the jQuery `unbind()` method

19) Which of the following lines of code will correctly animate the element?

- ☐ `$('#loginForm').applyAnimationFrame({'top' : '+=300px'});`
- ☐ `$('#loginForm').apply_animation_frame({'top' : '+=300px'});`
- ☒ `$('#loginForm').animate({'top' : '+=300px'});`
- ☐ `$('#loginForm').animate.top = '+=300px';`

20) Consider the following code. The third argument passed to the jQuery `animate()` method is a function. What is the purpose of this function?

```
$('.imageContainer').animate({
    'width' : '-=30px',
    'overflow' : 'visible'
}, 800, function () {
    //some code could go here...
});
```

- ☐ It will be executed when a public/private key pair is set in the console
- ☒ It will be executed once the animation has completed
- ☐ It will be executed on page load
- ☐ It will be executed as soon as the animation starts

FINAL CHECK SAVE You have used 1 of 2 submissions

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