**Chapter 8: Get off to a fast start with jQuery**

**Murach's JavaScript and jQuery (4th Edition)**

**MULTIPLE CHOICE**

1. jQuery is

| a. | a programming language | c. | an open-source JavaScript library |
| --- | --- | --- | --- |
| b. | a part of the CSS3 specification | d. | an extension of the Chrome browser |

2. Which of the following statements about a Content Delivery Network (CDN) is true?

| a. | It allows you to get jQuery from another website and include it in your application. |
| --- | --- |
| b. | It allows you to download jQuery and include it in your application. |
| c. | It can only be used by the modern browsers. |
| d. | It works even if you’re not connected to the Internet. |

3. You include the jQuery library in your website by coding a

| a. | head element | c. | script element |
| --- | --- | --- | --- |
| b. | body element | d. | link element |

4. A jQuery selector includes all but one of the following. Which one is it?

| a. | $ sign | c. | parentheses |
| --- | --- | --- | --- |
| b. | quotation marks | d. | dot operator |

5. Which of the following expressions gets the value of a text box with an id of “message”?

| a. | **$("#message").text** |
| --- | --- |
| b. | **$("#message").text()** |
| c. | **$("#message").val()** |
| d. | **$("#message").nodeValue()** |

6. Which of the following statements sets the text of a <p> element with an id of “ship”

| a. | **$("#ship").text = "Shipping is free.";** |
| --- | --- |
| b. | **$("#ship").text("Shipping is free.");** |
| c. | **$("#ship").val("Shipping is free.");** |
| d. | **$("#ship").nodeValue("Shipping is free.");** |

7. What is object chaining?

| a. | When you code each method in a separate statement. |
| --- | --- |
| b. | When you code methods that do similar things in a group of statements. |
| c. | When you use a single statement to call one method from another method. |
| d. | When you pass one method to another method as a parameter. |

8. Object chaining works because each method returns the appropriate

| a. | object | c. | method |
| --- | --- | --- | --- |
| b. | selector | d. | event method |

9. With jQuery, which of the following do you use to attach an event handler?

| a. | selector | c. | event method |
| --- | --- | --- | --- |
| b. | method | d. | script element |

10. When does the ready() event handler run?

| a. | As soon as the browser starts. |
| --- | --- |
| b. | As soon as the browser gets the HTTP response for the page. |
| c. | As soon as the browser starts to load the page. |
| d. | As soon as the browser builds the DOM. |

11. What does the following jQuery code do?

**$("h2").prev();**

| a. | Gets the h2 element that precedes the current element |
| --- | --- |
| b. | Gets the element in the HTML that precedes the selected h2 element |
| c. | Gets the previous sibling of each selected h2 element |
| d. | Gets the previous sibling of each selected h2 element that is also an h2 element |

12. What does the following jQuery code do?

**$("#image").attr("src", imageURL);**

| a. | Gets the value of the src attribute for the element with an id of “image” and stores it in a variable named imageURL |
| --- | --- |
| b. | Sets the value of the src attribute for the element with an id of “image” to the value in a variable named imageURL |
| c. | Gets the values of the src attribute for each element with a class of “image” and stores them in an array variable named imageURL |
| d. | Sets the values of the src attribute for each element with a class of “image” to the values in an array variable named imageURL |

13. Which of the following methods would you use to remove a class if it’s present or add a class if it isn’t present?

| a. | toggle() | c. | changeClass() |
| --- | --- | --- | --- |
| b. | toggleClass() | d. | switchClass() |

14. Which of the following methods would you use to execute a method for each element in an array?

| a. | html() | c. | every() |
| --- | --- | --- | --- |
| b. | hide() | d. | each() |

15. Which of the following events occurs when the user moves the mouse pointer over an element and then clicks on it?

| a. | click | c. | hover |
| --- | --- | --- | --- |
| b. | mouseover | d. | all of the above |

**Code example 8-1**

**$("#faqs h2").click( evt => {**

**const h2 = evt.currentTarget;**

**$(h2).toggleClass("minus");**

**if ($(h2).attr("class") !== "minus") {**

**$(h2).next().hide();**

**}**

**else {**

**$(h2).next().show();**

**}**

**evt.preventDefault();**

**});**

16. (Refer to code example 8-1) What does evt.currentTarget refer to in this code?

| a. | The click() event method |
| --- | --- |
| b. | The anonymous function for the click() event method |
| c. | All h2 elements within the element with an id of “faqs” |
| d. | The h2 element that was clicked |

17. (Refer to code example 8-1) Assuming none of the h2 elements include a class attribute when the application starts, what happens the first time the user clicks on an h2 element?

| a. | A class named “minus” is added to the element and the element’s next sibling is displayed. |
| --- | --- |
| b. | A class named “minus” is added to the element and the element’s next sibling is hidden. |
| c. | Nothing happens because the click() event method is used instead of the on() event method. |
| d. | Nothing happens because the event object isn’t passed to the function for the event handler. |

18. (Refer to code example 8-1) What does the parameter named evt refer to?

| a. | the jQuery object |
| --- | --- |
| b. | the Event object |
| c. | the click() event method |
| d. | the selector |