

Web Development & Design Foundations with HTML5 & CSS3  
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Chapter 14 Test Bank

Multiple Choice. Choose the best answer.

1. JavaScript can be described as:

- a. an object-oriented scripting language
- b. an easy form of Java
- c. a language created by Microsoft
- d. none of the above

2. Select the true statement from those listed below.

- a. **<script>** tags are used to contain JavaScript statements
- b. **<script>** tags can be placed in both the header and the body section of a web page
- c. **<script>** tags are read by the browser
- d. All of the statements above are true

3. In the context of web page interactivity, an \_\_\_\_\_ can be described as an action taken by the user.

- a. object
- b. event
- c. tag
- d. browser

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4. Select the technology that was developed by a joint effort between Netscape and Sun Microsystems.

- a. Java
- b. JavaScript
- c. Flash
- d. Ajax

5. The \_\_\_\_\_ defines every object and element on a web page.

- a. Document Object Model
- b. Browser
- c. Operating System
- d. None of the above

6. Select the valid JavaScript variable name below:

- a. prompt
- b. myName
- c. my Name
- d. visitor'sName

7. A \_\_\_\_\_ is an attribute or characteristic of an object.

- a. property
- b. method
- c. variable
- d. function

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8. A \_\_\_\_\_ is an action that can be performed with an object.
- a. property
  - b. method
  - c. variable
  - d. function
9. A \_\_\_\_\_ is a reusable block of JavaScript statements.
- a. property
  - b. method
  - c. variable
  - d. function
10. How many scripts can be embedded in an XHTML document?
- a. Not more than one
  - b. Two scripts
  - c. One script in the header section and one script in the body section
  - d. As many as you need
11. The \_\_\_\_\_ event handler is triggered when the visitor places their mouse on an object.
- a. onclick
  - b. onmouseout
  - c. onmouseover
  - d. onmouseenter

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12. The \_\_\_\_\_ method displays a message to the user and contains one button.
- a. prompt()
  - b. alert()
  - c. message()
  - d. none of the above
13. Use the \_\_\_\_\_ method to write text to a web page.
- a. document.write()
  - b. document.code()
  - c. document.text()
  - d. document.new()
14. The \_\_\_\_\_ property can set the background color of the document.
- a. document.background
  - b. document.bgcolor
  - c. document.color
  - d. document.backgroundColor
15. A function can \_\_\_\_\_ a value to indicate success or failure.
- a. pass
  - b. set
  - c. return
  - d. none of the above

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16. Select the comparison operator to use when testing a condition for equality.
- a. =
  - b. ==
  - c. <>
  - d. none of the above
17. Which of the following will assign the value “Smith” to the variable customerName?
- a. `customerName = > “Smith”;`
  - b. `customerName < = “Smith”;`
  - c. `customerName = = “Smith”;`
  - d. `customerName = “Smith”;`
18. The code to access the contents of an input box named email on a form is
- a. `document.forms[0].email`
  - b. `document.forms[0].email.value`
  - c. `document.forms[0].email.contents`
  - d. `document.forms[0].email.data`
19. A \_\_\_\_\_ is a term used to describe a select list that allows the user to select an option to load another web page.
- a. navigation
  - b. page header
  - c. jump menu
  - d. none of the above

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20. Select an appropriate use of JavaScript:

- a. form validation
- b. sending e-mail
- c. both a and b
- d. none of the above

21. jQuery is

- a. an application developed by Microsoft
- b. a free open-source JavaScript library
- c. an application developed by Adobe
- d. none of the above

22. Select the jQuery code that will set the background color of all li elements to green.

- a. `$('li').style('background-color', 'green');`
- b. `$('li').html('background-color', 'green');`
- c. `$('li').attr('background-color', 'green');`
- d. `$('li').css('background-color', 'green');`

23. When using jQuery, what is used to determine when the web page's DOM has been fully loaded by the browser?

- a. `$(document).onload()`
- b. `$(document).ready()`
- c. `$(html).loaded()`
- d. `$(document).onload()`

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24. Which jQuery method has the purpose of getting or setting the value of an HTML attribute?

- a. attr()
- b. html()
- c. css()
- d. style()

25. Select the true statement:

- a. You need to purchase the jQuery library.
- b. The jQuery library is available online through a CDN
- c. All browsers automatically include the jQuery library
- d. None of the above statements is true.