

## ch04

1. True or False. This is the first element of the products array:

products[1].

a. True

**b. False**

2. How many elements are there in this array?

Products = new Array('Soda', 'Beer', 'Pizza')

a. 2

**b. 3**

c. 4

d. None

3. What method would you use to create a string from array elements and separate those elements with a hyphen?

a. shift()

**b. join()**

c. concat()

d. strjoin()

4. What method is used to remove an element from the bottom of an array?

a. push()

**b. pop()**

c. reverse()

d. shift()

5. What method is used to remove the first element from an array?

a. push()

b. pop()

c. reverse()

**d. shift()**

6. What method is used to place a new element at the end of an array?

**a. push()**

b. pop()

c. reverse()

d. shift()

7. True or False. The sort() method only places text in sorted order?

a. True

**b. False**

8. True or False. The length of an array is equal to the index of the last element of the array.

a. True

**b. False**

9. True or False. An array element can be used the same way as a variable is used in a JavaScript.

**a. True**

b. False

10. What method is used to create a new array using elements of another array?

**a. slice()**

b. div()

c. splice()

d. shift()

## ch=5

1. True or False. A comma must separate arguments in a function definition.

**a. True**

b. False

2. A code block is used in a

a. Function call

**b. Function definition**

c. Return value

d. Argument

3. The scope of a variable means

a. The size of the variable

b. The data type of the variable

**c. The portion of a JavaScript that can access the variable**

d. The variable is used as a return value for a function

4. True or False. The statement that calls a function can ignore a value returned by a function.

**a. True**

b. False

5. A global variable can be accessed

a. Only by functions defined within the JavaScript

b. Only outside of a function

c. Only by the function that defined it

**d. From anywhere in the JavaScript**

6. A local variable can be accessed

a. Only by functions defined within the JavaScript

b. Only outside of a function

**c. Only by the function that defined it**

d. From anywhere in the JavaScript

7. True or False. A function can be called by HTML code in a web page.

**a. True**

b. False

8. True or False. All functions must be defined in the <head> tag.

a. True

**b. False**

9. True or False. Values passed to a function must correspond to the data type of arguments in the function definition.

**a. True**

b. False

10. A variable is out of scope when

a. The statement that calls a function ignores the value returned by the function

**b. The variable cannot be accessed by a statement**

c. A variable isn't defined in a function

d. A variable is passed to a function

**ch=6**

1. True or False. The first character of a string array is string[1].

- a. True
- b. False**

2. A float is

- a. An integer
- b. A whole number
- c. A decimal value**
- d. A Unicode number

3. What method would you use to divide a string of data delimited by a comma into an array of data?

- a. parseFloat()
- b. split()**
- c. parseInt()
- d. charCodeAt()

4. The end position argument in the substring() method indicates what?

- a. The position of the last character that is copied into the substring
- b. The position of the first character that is copied into the substring
- c. The position of the character following the last character that is copied into the substring
- d. The position of the character preceding the last character in the substring**

5. The second argument in the substr() method indicates what?

- a. The position of the last character that is copied into the substring
- b. The number of characters that are to be copied from the string to the substring**
- c. The position of the character preceding the last character that is copied into the substring
- d. The position of the character preceding the last character in the substring

6. What is the length value of a string object?

- a. The total number of characters in the string**
- b. The index of the last character in the string
- c. The length of the string minus spaces
- d. The length of the string minus trailing spaces

7. True or False. The index of the last element in the string array is the same value as the string length.

- a. True
- b. False**

8. True or False. The parseInt() method cannot be used with a mixed number (whole number and decimal).

- a. True
- b. False**

9. True or False. A delimiter string is used by the split() method to create an array of data elements.

- a. True
- b. False

10. Unicode is

- a. A string that contains a numeric value
- b. A numeric value that represents characters, numbers, and symbols that can be displayed on the screen**
- c. The end position used by the substr() method
- d. The end position used by the substring() method

## ch-7

1. True or False. A check box is an element of a form.

- a. True**
- b. False

2. What is the program that processes a form?

- a. Common Gateway Interface**
- b. Common Program Interface
- c. Common Web Server Interface
- d. Common Web Server Gateway

3. What event occurs when an element comes into focus?

- a. onblur
- b. onfocus**
- c. onselect
- d. onchange

4. What event occurs when an element loses focus?

- a. onblur**
- b. onfocus
- c. onselect
- d. onchange

5. What event occurs when a user highlights text in a text field?

- a. onblur
- b. onfocus
- c. onselect**
- d. onchange

6. What is the purpose of the with statement?

- a. Identifies variables that are used in a script**
- b. Identifies elements that are used in a script
- c. Identifies the full document path**
- d. Identifies the current element

7. True or False. All attributes except the name attribute can be changed by a JavaScript.

- a. True
- b. False**

8. True or False. Values of an element cannot be changed once a user clicks the Submit button.

- a. True
- b. False**

9. True or False. A JavaScript function can only change attributes of an

element that calls the JavaScript function.

- a. True
- b. False**

## ch-8

1. True or False. You cannot delete a cookie.

- a. True
- b. False**

2. A cookie takes the format of a

- a. Pair-name value
- b. Pair-value name
- c. Value-name pair
- d. Name-value pair**

3. The best time to read a cookie is

a. onblur

**b. onload**

- c. onselect
- d. onchange

4. The expiration date is stored in a cookie as

- a. A GMT string**
- b. A Date data type
- c. A digital sequence type
- d. A sequential numeric type

5. The best time to create a cookie is

- a. onblur
- b. onload
- c. Any time it make sense to do so while a visitor is visiting your web site**
- d. onchange

6. A cookie is

- a. A variable
- b. A Date variable
- c. A text variable

**d. An object---**216 page

7. True or False. You can use a cookie to explore a visitor's hard disk.

- a. True
- b. False**

8. True or False. Your JavaScript actually writes a cookie to a visitor's hard disk if you set an expiration date for the cookie.

- a. True
- b. False**

9. True or False. The address of your web server is included in a cookie.

- a. True**
- b. False

10. Information in a cookie identifies

- a. The person who is visiting your web site
- b. The computer used by the person who is visiting your web site**
- c. The Internet service provider used by the person who is visiting your web site
- d. The visitor's browser

## ch-09

1. True or False. The window.open() method requires arguments to open a new window.

a. True

**b. False**

2. You can position a new window on screen by setting the

a. width and height properties

**b. left and top properties**

c. resizable property

d. status property

3. You can open a new window on top of other windows by calling

a. upper()

b. up()

**c. focus()**

d. next()

4. You determine the resolution of the screen by accessing

a. left and top properties

b. resolution property

**c. width and height properties**

d. pixelDepth property

5. You scroll a window by calling

a. goto

b. down or up

c. down

**d. scrollTo()**

6. You can create a new window that does not contain the standard browser buttons by setting

a. scrollbars=1

b. directories=1

**c. directories=0**

d. scrollbars=0

7. True or False. All windows must have a menu bar.

a. True

**b. False**

8. True or False. All windows must have the standard browser toolbar.

a. True

**b. False**

9. True or False. Displaying too many new windows in the same session can prevent the user from doing any work.

**a. True**

b. False

10. You can prevent a person from resizing your new window by

a. Setting resizable to 1

**b. Setting resizable to 0**

c. Setting the menubar to 1

d. Setting the menubar to 0

## ch-10

1. True or False. A regular expression begins with the special character \b.

a. True

**b. False**

2. Which special character is used to tell the browser to start at the beginning of a string?

a. \$

b. \*

**c. ^**

d. []

3. What special character would you use to specify any nondigit?

a. \d

**b. \D**

c. \$

d. \$\*

4. What special character would you use to tell the browser to search all occurrences of a character?

a. \*

b. i

**c. g**

d. a

5. What special character do you use to search for a whitespace character?

**a. \s**

b. \S

c. s

d. S

6. What special character do you use to search for any letter, number, or the underscore?

**a. \w**

b. \W

c. w

d. W

8. True or False. A regular expression cannot be used to reformat text.

a. True

**b. False**

9. True or False. You cannot insert literal characters into a regular expression.

a. True

**b. False**

ch=11

1. True or False. A frameset can be loaded with a static web page.

a. True

**b. False**

2. What attribute is used to specify the web page that is loaded into a frame?

a. source

**b. src**

c. topPage

d. bottomPage

3. How can you hide the borders of a frame?

**a. frameborder="0"**

b. toPageborder="0" bottomPageborder="0"

- c. borders=hide
  - d. Borders cannot be hidden.
4. What attributes can be used to change the source of a child window from a JavaScript?
- a. source
  - b. src**
  - c. parent.frame.location.source
  - d. parent.frame.location.href
5. What frame receives focus by default?
- a. First frame that is built
  - b. Last frame that is built**
  - c. No frame has focus
  - d. None of the above
6. How do you set the number of frames that appear in a frameset?
- a. Set the rows and cols values.**
  - b. Set the frame value.
  - c. Set the frameset value.
  - d. Set the child window value.
7. True or False. You specify the name of the frame whenever you want to reference the contents of the frame.
- a. True**
  - b. False
8. True or False. A child window cannot change the content of another child window if they are on different domains.
- a. True**
  - b. False
9. True or False. A child window cannot call JavaScript functions that are defined in another child window if they are on different domains.
- a. True**
  - b. False
10. If you have two vertical frames, how do you make one frame smaller than the other frame?
- a. Make one of the rows values smaller than the other.
  - b. Make one of the cols values smaller than the other.**
  - c. Make one of the bar values smaller than the other.
  - d. Make one of the bar values larger than the other.

## ch-12

1. True or False. The browser automatically replaces a rollover image with the original image when the mouse cursor moves away from an object.
- a. True
  - b. False**
2. What is assigned an action to perform when the mouse cursor leaves an object?
- a. onmouseout event
  - b. onmouseover event
  - c. onmouseout over
  - d. onmouseout attribute**



3. Where is a good place to trap a rollover event in a text object?

a. <IMG> tag

**b. Anchor tag**

c. Name tag

d. src tag

4. How do you reference a specific object on a document?

a. Use the unique position of the object.

b. Use the unique source of the object.

**c. Use the unique name or ID of the object.**

d. None of the above.

5. How do you load rollover images into memory?

a. RolloverLoad

b. LoadRollover

**c. Assign an image file to an image object in a JavaScript**

d. Call the LoadRollover() method from a JavaScript

6. What is the value of document.images if the browser does not support the Image object?

a. 1

**b. null**

c. The number of images on the page

d. The number of images that must be loaded from the server

7. True or False. You can open a new window directly from the onmouseover attribute.

**a. True**

b. False

8. True or False. All images on a web page are reflected in the document .images array.

**a. True**

b. False

9. True or False. You can use JavaScript to write to a window that is opened as a result of an onmouseover event if the window is in the same domain.

**a. True**

b. False

10. You can create a rollback of an image by reacting to which event?

a. onmouse event

b. onmouserollback event

c. onmouserestore event

**d. None of the above**