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()

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

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. Identifi es variables that are used in a script

b. Identifi es elements that are used in a script

c. Identifies the full document path

d. Identifi es 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 use you 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
defi ned 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