

**NOTE: It is my policy to give a failing grade in the course to any student who either gives or receives aid on any exam or quiz.**

**INSTRUCTIONS: Circle the letter of the *one* best choice for each question. There is no penalty for guessing. Unless otherwise indicated, all questions count equally.**

1. On the "Matching Sheet," which letter identifies the appearance of the lower part of the web page when the settings are as in **Image 1**?
  - A. "A"
  - B. "B"
  - C. "C"
  - D. "D"
  - E. None of the above.
2. On the "Matching Sheet," which letter identifies the appearance of the lower part of the web page when the settings are as in **Image 2**?
  - A. "A"
  - B. "B"
  - C. "C"
  - D. "D"
  - E. None of the above.
3. On the "Matching Sheet," which letter identifies the appearance of the lower part of the web page when the settings are as in **Image 3**?
  - A. "A"
  - B. "B"
  - C. "C"
  - D. "D"
  - E. None of the above.
4. On the "Matching Sheet," which letter identifies the appearance of the lower part of the web page when the settings are as in **Image 4**?
  - A. "A"
  - B. "B"
  - C. "C"
  - D. "D"
  - E. None of the above.
5. On the "Other Images Sheet," how could the red lines in both boxes "E" and "F" have been produced?
  - A. Enter "red border for the div border value.
  - B. Enter "red line" for the div border value.
  - C. Enter "red border" for the img border value.
  - D. Enter "solid red" for the img border value.
  - E. Enter "red line for the img border value.
6. On the "Other Images Sheet," how could the effect in **box "E"** be achieved?
  - F. Make the div margin 1em.
  - G. Make the div padding 1em.
  - H. Make the img margin 1em.
  - I. Make the img padding 1em.
  - J. Make the img visibility "inherit."
7. On the "Other Images Sheet," how could the effect in **box "F"** be achieved?
  - A. Make the div margin 1em.
  - B. Make the div padding 1em.
  - C. Make the img margin 1em.
  - D. Make the img padding 1em.
  - E. Make the img visibility "inherit."

8. What generates a warning if you set the *color* without setting the *background-color*?
  - A. Tidy.
  - B. The W3C XHTML validator.
  - C. Javascript.
  - D. PHP.
  - E. The W3C CSS validator.
9. What color does #FFF represent?
  - A. Red
  - B. Magenta
  - C. Black
  - D. White
  - E. No color
10. What color does #000 represent?
  - A. Red
  - B. Green
  - C. Black
  - D. White
  - E. Blue
11. What color does #888 represent?
  - A. Red
  - B. Gray
  - C. Yellow
  - D. Light Blue
  - E. Dark Blue
12. What color does #FACE represent?
  - A. Pink
  - B. Brown
  - C. White
  - D. Pale Green
  - E. No color
13. What color does #F00 represent?
  - A. Red
  - B. Green
  - C. Cyan
  - D. Magenta
  - E. Yellow
14. What is the *thead* tag used for?
  - A. To draw a line around a paragraph.
  - B. To indicate the heading rows of a table.
  - C. To change the spacing between images.
  - D. To turn off an advertisement.
  - E. To make the ad blink.
15. Which is correct?
  - A. A browser sends a request to a server and the server then sends a reply to the browser.
  - B. A server sends a request to a browser, and the browser then sends a reply to the server.
  - C. Both A and B
  - D. Neither A nor B
  - E. All of the above

16. What is the best way to manage the appearance of a web page?
  - A. Put the formatting information inside the HTML tags.
  - B. Use nested tables to get precise control over the position of elements on the web page.
  - C. Use links to external style sheets in the head of the document.
  - D. Use style tags in the head of the document.
  - E. Let Dreamweaver take care of the appearance for you.
17. What is the advantage of use *em* as the unit of measure for images?
  - A. The aspect ratio (height/width) won't change.
  - B. The height won't change.
  - C. The user can control the image size by changing the text size for the page.
  - D. The user can control the image size by changing the size of the browser window.
  - E. Using *ems* works in Firefox, but not in Internet Explorer, so it encourages people to use Firefox.
18. What CSS selector could be used to style list items that are in ordered lists without affecting list items that are in unordered lists?
  - A. `ol li`
  - B. `ul li`
  - C. `#ul li`
  - D. `li ol`
  - E. `{ red }`
19. Which CSS selector would specify the element with `id="navigation"`?
  - A. `#navigation`
  - B. `.navigation`
  - C. `!navigation`
  - D. `navigation`
  - E. `:navigation`
20. Which CSS selector would specify all elements with `class="external"`?
  - A. `#external`
  - B. `.external`
  - C. `!external`
  - D. `external`
  - E. `:external`
21. What does the pseudoclass `:hover` let you do?
  - A. Set the style for links that have not been visited.
  - B. Change the style of a link when the user resizes the browser window.
  - C. Change the style of a link when the user types the letter 'h'.
  - D. Change the style of a link when the mouse is over it.
  - E. Generate a sound when the user clicks on a link.
22. What does the property value `"inherit"` mean?
  - A. The value of the property will be passed on to the immediate children of the tag.
  - B. The value of the property will be passed on to the children of the tag and all their descendants.
  - C. The value of the property will be determined by the parent of the tag.
  - D. The value of the property cannot be determined.
  - E. The property will have no value unless the user provides one.
23. Which of the following attributes of a list cannot be set using just CSS?
  - A. Whether the list items appear on separate lines or all in a row.
  - B. Whether unordered list items have marker symbols or not.
  - C. What marker symbol to use for unordered list items.
  - D. The background color of list items.
  - E. Whether the list is inside a `div` or not.

24. Which statement is true?
- A. Javascript is used for client-side programming and PHP is used for server-side programming.
  - B. PHP is used for client-side programming and Javascript is used for server-side programming.
  - C. Both A and B.
  - D. Neither A nor B.
  - E. All of the above.
25. What technology would be used to change the appearance of the web page when the user clicks a checkbox, *without interacting with the server*?
- A. CSS
  - B. Javascript
  - C. XHTML
  - D. PHP
  - E. Tidy
26. What technology would be used to generate a web page based on information in a database on the server?
- A. CSS
  - B. Javascript
  - C. XHTML
  - D. PHP
  - E. Tidy
27. What is the `window.onload` value used for?
- A. To specify where to place the window in the user's viewport.
  - B. To tell how big the window is.
  - C. To tell what function to run after the DOM tree has been built.
  - D. To build the DOM tree when the request is sent to the server.
  - E. To run a function when the server starts sending a window to the browser.
28. Why does the CSS `background-color` become `backgroundColor` in Javascript?
- A. Because `backgroundColor` is used only for images in CSS.
  - B. Because `background-color` means subtraction in Javascript.
  - C. It's up to the programmer. You can do the same thing saying `background-color` in Javascript if you want to.
  - D. The statement is not true. You have to use `background-color`, not `backgroundColor`, in Javascript.
  - E. To be compatible with Internet Explorer.
29. What does the Javascript statement `alpha = alpha + 3;` do?
- A. It says that `alpha` and `alpha + 3` both have the same value.
  - B. It doesn't make any sense because `alpha` can't possibly be equal to itself plus three.
  - C. It changes the value of `alpha` to three more than whatever the value was before the statement was executed.
  - D. It makes the background color three units brighter.
  - E. It makes the browser window three pixels larger.
30. What does the statement `x = getElementById('foo');` do?
- A. It searches the DOM for an element with `id='foo'` and puts a reference to it in the variable `x`.
  - B. It searches the DOM for all `<foo>` tags and X's them out of the tree.
  - C. It finds all the red elements.
  - D. It replaces the element that has `id='foo'` with the value of the variable `x`.
  - E. All of the above.
- 31.

# Matching Sheet

1

Display and Visibility Properties

Display				Visibility		
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input type="radio"/>	Hide: <input type="checkbox"/>			Div 1
None: <input type="radio"/>	Block: <input checked="" type="radio"/>	Inline: <input type="radio"/>	Hide: <input type="checkbox"/>			Div 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 1
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 3
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 4

Margin:     Element: div

Margin:     Element: img

2

Display and Visibility Properties

Display				Visibility		
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Div 1
None: <input type="radio"/>	Block: <input checked="" type="radio"/>	Inline: <input type="radio"/>	Hide: <input type="checkbox"/>			Div 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 1
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 3
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 4

Margin:     Element: div

Margin:     Element: img

3

Display and Visibility Properties

Display				Visibility		
None: <input type="radio"/>	Block: <input checked="" type="radio"/>	Inline: <input type="radio"/>	Hide: <input type="checkbox"/>			Div 1
None: <input type="radio"/>	Block: <input checked="" type="radio"/>	Inline: <input type="radio"/>	Hide: <input type="checkbox"/>			Div 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 1
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 3
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 4

Margin:     Element: div

Margin:     Element: img

4

Display and Visibility Properties


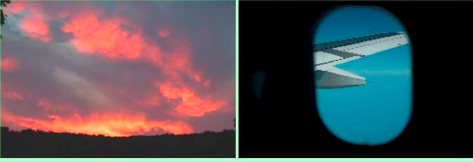
Display				Visibility		
None: <input type="radio"/>	Block: <input checked="" type="radio"/>	Inline: <input type="radio"/>	Hide: <input checked="" type="checkbox"/>			Div 1
None: <input type="radio"/>	Block: <input checked="" type="radio"/>	Inline: <input type="radio"/>	Hide: <input type="checkbox"/>			Div 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 1
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 2
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 3
None: <input type="radio"/>	Block: <input type="radio"/>	Inline: <input checked="" type="radio"/>	Hide: <input type="checkbox"/>			Image 4

Margin:     Element: div

Margin:     Element: img


A

This is a paragraph at the beginning of Div 1

This is a paragraph at the end of Div 2



B



This is a paragraph at the end of Div 2

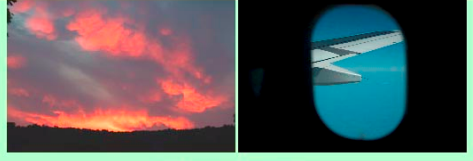
C

This is a paragraph at the beginning of Div 1

This is a paragraph at the end of Div 2

D



This is a paragraph at the end of Div 2

# Other Images Sheet

<p>This is a paragraph at the beginning of Div 1</p> <p>E</p>   <p>This is a paragraph at the end of Div 2</p>	<p>This is a paragraph at the beginning of Div 1</p> <p>F</p>   <p>This is a paragraph at the end of Div 2</p>
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