This mid-term exam is in two parts, a concept test and a practical test. Each part is worth 100 points, for a total of 200 possible points.

Part 1—Concept test
Unless otherwise noted, each question on this part is worth 2 points

1. Current standards require html tags be in _____ case.

2. What is the correct format for a line-break tag? _____

3. The tag that holds your visible web-page content is called the _____ tag.

4. The generic block-level element is _____ and the generic in-line element is _____.

5. URL stands for _____.

6. HTTP stands for _____.

7. To create a tool tip, when you hover your mouse over a page element, you place a _____ attribute inside a tag.

8. Match each color code to its approximate color name   (4 pts)
    a. #aa0000   1) white
    b. #000000   2) green
    c. #0000aa   3) red
    d. #ffffff   4) black
    e. #009900   5) blue

9. Fill in the missing tags, using *semantic* mark up, so the code produces the sample given (4 pts)
    NOTE: I will deduce points for *non-semantic* mark up

    a.   Sample: The quick *brown fox* jumps over the lazy dog.
            Code: `The quick <      >brown fox<      > jumps over the lazy dog.`

    b.   Sample: The quick **brown fox** jumps over the lazy dog.
            Code: `The quick <      >brown fox<      > jumps over the lazy dog.`

10. Write a CSS rule set (style declaration) to center an <h1> tag on a page.

11. By default, a browser displays each _____ element on a new line.

12. To specify a relative unit of measurement for the sizes of fonts and components of the box model, you can use _____ or _____.

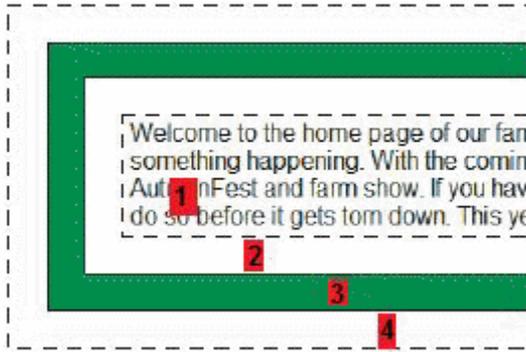13. Which one of the following is used before an id selector in a CSS style rule?

a. {   c. &
b. :   d. #

14. The figure above shows the various components that comprise the box model. Match each term below with the items numbered in the figure.   *(4 pts)*
   a) padding   1. _____
   b) margin   2. _____
   c) width   3. _____
   d) border   4. _____

15. Match the number of the choice that best matches the phrase or definition in items a–g below.
                                                                              (7 pts)
   1) Web server   7)   extensions
   2) Web browser   8)   XHTML
   3) tag   9)   ordered list
   4) attribute   10)   unordered list
   5) logical element   11)   physical element
   6) empty   12)   presentational attribute

   a) _____ Marks each element in a document
   b) _____ Used to present list items but not in a particular order
   c) _____ Used to display information in a sequential order
   d) _____ Used to control the behavior/appearance of an element in a page
   e) _____ Describes tags such as <address>, <dfn>, and <var>
   f) _____ One-sided tags are also known as this type of tag
   g) _____ Describes tags such as <b> and <i>

16. Your root directory has a subdirectory called *pics*. Write the code that would place the image, *brewster.jpg* on your home page, assuming that image file is in the *pics* subdirectory.

17. Write the code that links the text, "Sports Info", on your home page (*index.html*) to a file named *sports.html*. Assume both files are in your root folder.

18. Write the code that adds the comment "Page Updated on 4/15/2011" to an *HTML* file.

19. In a web application, the client uses a _____ to interact with a web server.

20. A _____ makes web sites available to other computers over a network.

21. Additional instructions inside an opening tag that change the appearance of the affected element are called _____.

22. Is anything wrong with the following code? If so, what is it?

```
<html>
    <head>
    <title> Customer Comments Form </head>
    </title>
<body>
...
</body>
</html>
```

http://www.camshots.com/articles/glossary.html

1   2   3   4   5   6

23. Match the items in the figure above with their corresponding identities   (*6 pts.*)

   a) _____ server name or subdomain
   b) _____ extension
   c) _____ protocol
   d) _____ directory
   e) _____ file name
   f) _____ domain name

24. Which of the following relative pathnames is interpreted as "the index.htm file is in the folder one level up in the folder tree from the current file"?
   a.   ./index.htm   c.   /index.htm
   b.   ../index.htm   d.   __/index.htm

25. Which of the following relative pathnames is interpreted as "the parks.htm file is in the extra subfolder, which is one level down from the current folder"?
   a.   extra/parks.htm   c.   ./extra/parks.htm
   b.   ../extra/parks.htm   d.   /extra/parks.htm

26. If the path and filename are left off the URL, the browser searches for a file named _____ in the root folder of the Web server.
   a.   index.htm   c.   index.http
   b.   index.html   d.   Either A or B

27. A character _____ is a code that can be used to display a special character like a copyright symbol in a web page.

28. Which of the following is a valid selector for a class named menu?
      a) `menu`
      b) `#menu`
      c) `.menu`
      d) `> menu`

29. By default, a browser displays each _____ element on a new line.

30. The _____ attribute is used to uniquely identify an HTML element.

31. Show how a browser would render the following code: *(4 pts)*
```
<ul>
    <li>item one</li>
    <li>item three</li>
    <li>item two</li>
</ul>
```

32. Show how a browser would render the following code: *(4 pts)*
```
<ol>
    <li>item one</li>
    <li>item three</li>
    <li>item two</li>
</ol>
```

33. Which of the following units of measurement is equal to the font size for the current font?
      a) a pixel
      b) a point
      c) an em
      d) a percentage

34. To calculate the height of a box when using the box model, you add the height of the content area to the sum of the heights of the
      a) top and bottom margins and top and bottom padding
      b) border, top and bottom margins, and top and bottom padding
      c) border, top margin, and bottom margin
      d) border, top padding, and bottom padding

35. In the code that follows
      `margin: 0 auto;`
   the auto keyword means
      a) to automatically adjust the margins for the element whenever necessary
      b) to center the element horizontally within the containing block
      c) to center the element vertically within the containing block
      d) to automatically align the element based on the size of the browser window

36. To create a link that moves to an anchor on the same page, you code the href attribute as # followed by the name of the _____ attribute for the element that the link should go to.

37. The four pseudo-class selectors for links are
    a) link, visited, active, and inactive
    b) link, active, inactive, and hover
    c) unvisited, visited, active, and inactive
    d) link, visited, active, and hover

38. The most common type of image format for photographs in web pages is the
_____ format.

39. To help the visually impaired, you should always provide an adequate description of the image
in the _____ attribute for the image.

40. A _____ is a small version of an image that can be used for linking to a
page that has a large version of the same image.