Points missed: _____   Student's Name: _____

Total score: _____ /100 points

East Tennessee State University
Department of Computer and Information Sciences
CSCI 1710/Section 001 – Web Design I
TEST 1 for Fall Semester, 2002

Instructor: David Tarnoff

Read this before starting!

- The total possible score for this test is 100 points.

- This test is closed book and closed notes

- **All** answers **must** be placed in space provided. Failure to do so will result in no credit for answer.

- If you perform work on the back of a page in this test, indicate that you have done so in case the need
arises for partial credit to be determined.

"Fine print"

Short Answers (3 points each)

1. In the URL below, underline the domain name. (Be sure to underline the entire domain name.)

   http://csciwww.etsu.edu/tarnoff/index.htm,

2. Place the HTML tags around the text below that will make it paragraph in bold and italics.

   This is an italicized and bolded paragraph.

3. Using the standard web format for representing colors, write down the color that represents 20% red, 0% green, and 60% blue.

4. The HTML color #cccccc is:

   a. red　　b. gray　　c. green　　d. yellow　　e. white　　f. none of these

5. For a paragraph tag, which of the following attribute/value pairs is used to center the paragraph?

   a) center="on"
   b) center="yes"
   　"
   c) align="center"
   d) align="middle"
   e) justify="cente
   　r"
   f) justify="middle
   　"
   g) p="center"
   h) p="middle"

6. Give an example where you might want to use fixed-width font.

7. True or False: The total number of *all* colors definable using the HTML format is 216.

8. True or false: The *src* attribute in the image tag may take as its value an absolute URL.

9. True or false: A protocol such as *http://* must be included in *all* absolute addresses.

10. True or False: All text defined only with the *<pre>…</pre>* tag appears as fixed-width font in the browser

11. True or False: Unlike normal HTML, carriage returns inside the *<pre>…</pre>* tag are duplicated in the browser just as they appear in the original HTML code.

12. True or False: The following line of HTML code correctly follows the XHTML standard.

    ```
    <font color="#330033" size="+2">text</font>
    ```

13. True or False: Multiple lines of a paragraph will wrap around the image defined with the following tag.

    ```
    <img src="pict.gif" align="top" />
    ```
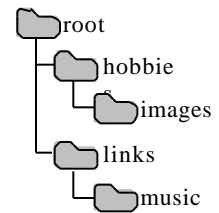
14. Which of the following body tag attributes sets the background image of a web page?

    a) bgimg
    b) background
    c) image
    d) bgimage
    e) bg
    f) tile
    g) tileimg
    h) None of the above

15. In the body tag, what is the purpose behind the attribute *alink* and what type of values does it take? Be specific.

The next three questions are based on the folder/directory structure shown to the right. Assume that the folder *root contains the file index.html*, the folder *hobbies contains the file doit.html*, the folder *images contains the file pict.gif*, the folder *links contains the file here.html*, and the folder *music contains the file bad.html*.

root
hobbie
images
links
music

16. If the absolute address of index.html is http://www.domain.com/root/index.html, what is the *absolute* address of the file bad.html in the folder "music"?

17. Assume here.html contained in folder "links" loads the image pict.gif from folder "images". What *relative* address would you use for the src attribute of the img tag?

18. What is the *relative* address that points *to* the file index.html *from* the file bad.html?

Medium-ish Answers (5 points each)

19. Place the tags around the text "ETSU Registrar" that will make it a link to the fragment named "registrar" within the web page http://www.etsu.edu/index.htm using an absolute URL.

20. Place the tag below that will identify a location in your page as a fragment named *gohere* that can be jumped to from a link.

21. Why do we use a text/ASCII editor such as Notepad instead of a word processor such as Word to edit our HTML documents?

22. A number of reasons were given in class why the *alt* attribute of the img tag is important. Name *two* of them.

23. Create the image tag in XHTML format that loads the image with the following specifications:

- the image's URL is *http://www.a1.com/images/pict.gif*
- the image's dimensions are *400 pixels wide by 200 pixels tall*
- the image will be associated with the image map named *imgmap*
- *no outline* can appear around the image indicating it is used as a link
- the text *"Click on this site map."* should appear whenever the mouse is paused over the image

Long Answers (points vary)

24. The code below has six mistakes. *Correct each of them the best that you can.* Note that if an error is with both the begin and end tag of a pair, that is only one mistake. (12 points -- 1 point for each identified, 1 point for each corrected)

```
<html><head><title>My Page</title>
<!-- Created 09/26/02 by DLT -->
<body background="#99cc99" text="#003300" link="#009900>
<p>Check out Dick &amp Jane's links:</p>
<ul type="box">
    <li><a href="http://www.one.com">Link 1</a></li>
    <li><a href="http://www.two.com">Link 2</a></li>
    <li><a href="file.html">Link 3<\a></li>
</ul>
</body></html>
```

25. In the grid below, sketch and shade the locations of each of the "hot spots" defined in the image map definition "mymap". Also, indicate which hot spots go to which links. (9 points)

```
<map name="mymap">
<area shape="rect" coords="15,5,20,15" href="one.htm">
<area shape="circle" coords="5,5,5" href="two.htm">
<area shape="poly"
coords="25,10,30,10,30,15,35,15,35,20,25,20" href="three.htm">
</map>
```

```
      0    5    10   15   20   25   30   35

0    ┌────┬────┬────┬────┬────┬────┬────┐
     │    │    │    │    │    │    │    │
5    ├────┼────┼────┼────┼────┼────┼────┤
     │    │    │    │    │    │    │    │
10   ├────┼────┼────┼────┼────┼────┼────┤
     │    │    │    │    │    │    │    │
15   ├────┼────┼────┼────┼────┼────┼────┤
     │    │    │    │    │    │    │    │
20   └────┴────┴────┴────┴────┴────┴────┘
```