Points missed: _____   Student's Name: _____

Total score: _____ /100 points

East Tennessee State University
Department of Computer and Information Sciences
CSCI 1710/Section 004 – Web Design I
TEST 1 for Spring 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 blanks 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.
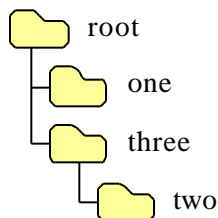
"Fine print"

1.) Out of all the combinations of blue, green, and red, what is the total number of possible web safe colors available for use in an HTML document?

   a. 10   b. 216   c. 256   d. 16,777,216   e. None of the above

2.) True or false: Relative addressing can only be used for links to a page within the same site.

3.) In the URL below, underline *only* the server name.

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

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

                        This is an italicized and bolded paragraph.

5.) The HTML color #ff00ff is:
   a. red   b. cyan   c. green   d. yellow   e. purple   f. none of these

6.) How many shades of web safe gray are available in HTML?

7.) What types of things use additive color?

8.) Give an example of why you would want to use fixed-width font.

Medium-ish Answers (5 points each)

9.) 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.

10.) What is the relative address that points to the file **dest.htm** from the file **source.htm** if **dest.htm** is in folder "**two**" and **source.htm** is in folder "**one**" of the directory structure shown below?

11.) In the tag `<img src="a.gif" align="top">`, what does the attribute **align="top"** do if the tag is embedded within a line of text? You may use a sketch to answer this question.

12.) In an attempt to follow the XHTML standard stating that every tag must have a beginning and an ending tag, what problem is caused when you try to use **`<hr></hr>`**?

13.) Write the HTML tag which will insert an image named **"picture.gif"** (width=100 pixels, height=75 pixels) in a web page where the text " This is my picture." appears if the user places the mouse on top of the image for a moment. Turn off the border. The image will also use an image map named **"mymap"** that has been defined within the same file.

14.) Write the HTML tag along with the correct attribute to make the background of the entire page 40% red, 20% green, and 100% blue and the text black.

15.) Circle all of the tags that have attributes that can be used to change the color of any or all text?
a.)	<head>	d.)	<basefont>	g.)	<h1>
b.)	<body>	e.)	<font>	h.)	<html>
c.)	<p>	f.)	<pre>	i.)	<properties>

16.) Why must we edit our HTML files in a text editor rather than a word processor such as Word?

17.) List the two reasons why character entities are necessary in HTML.

Long Answers (points vary)

18.) Write the HTML code (tags and attributes) to make the following list of items. (7 points)

    I. Item 1
  II. Item 2

19.) 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>Page Title Goes Here<\title></head>
<!--The background of this page is a medium blue --!>
<body background="336699">
<p>The following uses a &quot;definition list&quot;.</p>
<dl>
     <dt>Fact A:</dt>
     <dd>Class size < 30 students</dd>
     <dt>Fact B:</dt>
     <dd>35 students need class to graduate</dd>
     <dt>Consequence:</dt>
     <dd>There will be angry students</dd>
</body></html>
```

20.) 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. (12 points)

```
<map name="mymap">
     <area shape="circle" coords="5,20,5"
          href="http://www.here.com/">
     <area shape="circle" coords="20,20,5"
          href="http://www.there.com/">
     <area shape="poly" coords="35,25,25,25,40,0,50,0"
          href="http://www.everywhere.com/">
</map>
```