Points missed: _____   Student's Name: _____

Total score: _____ /100 points

East Tennessee State University
Department of Computer and Information Sciences
CSCI 1710/Section 003 – Web Design I
Final Exam for Fall Semester, 2000

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.

·   For answers that require units, 1 point will be deducted if the units are not included.

·   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.) In the space below, sketch what will be displayed in a browser for the following HTML code. **Show dimensions of form components if available.** (11 points)

```
<form>
        Any comments?

        <textarea name="comments" rows="2" cols="10">Type here</textarea>

        <br>

        Select favorite color:

        <select name="color" size="2">
                <option value="1">Red</option>
                <option value="2">Blue</option>
                <option value="3">Green</option>
        </select>

        <br>

        Push this:

        <input type="button" name="Push" value="Click">
</form>
```

2.) For the form attribute method, what is the difference between *post* and *get*? (5 points)

3.) If the submit button is pressed for the following code, what text string is sent to the action URL? Note: ASCII value for '@' is hexadecimal 40. (8 points)

```
<form method="post" action="mailto:tarnoff@etsu.edu">
        <input type="text" name="email" value="me@domain.com">
        <input type="radio" name="group" value="a">Group A<br>
        <input type="radio" name="group" value="b">Group B<br>
        <input type="radio" name="group" value="c" checked>Group C<br>
        <input type="radio" name="group" value="d">Group D<br>
        <input type="submit" value="Submit" name="submit">
</form>
```

4.)   What is the purpose of the form attribute *target*? (4 points)

5.)   For the following lines of JavaScript "code", underline the objects, underline the properties *twice*, circle the functions, and put brackets, [ ], around the events. (10 points)

```
window.document.myphoto.src

window.alert("Message")

navigator.appName

onMouseOver="document.bgColor='silver';"
```

6.)   What is the difference between document.write() and document.writeln()? (4 points)

7.)   Find the four errors in the following JavaScript code. (8 points)

```
<head>
<script type="JavaScript">
<!--
        var noname = 5

        function doIt(image_name)
                document.image1.src = image_name;
        }
-->
</script>
</head>
```

8.)   Create the HTML line of code that will call the javascript function "openWin()" when the user clicks on a hyperlink. (Just make up some text for the hyperlink.) (8 points)

9.)   Indicate whether the following statements are true or false. (2 points each)

        _____   JavaScript is not case sensitive
        _____   Tables can be embedded within a form
        _____   Forms can be embedded within other forms
        _____   Text defined with the tags ~~...~~ is hidden on the user's browser
        _____   The main purpose for the form component <input type="hidden"> is for
                 passwords.
        _____   Bill Gates is one of Santa's reindeer.

10.)   Assume the following style rules have been defined

```
P {color: black; font-size: 12pt}
P B {color: blue; font-size: 14pt}
B {color: green; font-size: 16pt}
P.important {color: red; font-size: 24pt }
P.important:first-line {color: red; font-size: 28pt; font-style: italic}
```

Answer questions a, b, and c based on the following HTML code. Answer using the attributes defined such as color, font-size, etc., not the selector name.

```
<b>Work in RGB mode</b><br>
<p class="important">When you are creating graphics for the web,<br>
it is important to work in the RGB color mode.</p>
<p>Because graphics are converted to <b>indexed</b> color mode
when saved in the GIF format, you'll often need to make corrections.</p>
```

a.)   List the attributes the text "Work in RGB mode" has? (3 points)

b.)   List the attributes the text "indexed" has? (3 points)

c.)   List the attributes the text "When you are creating" has? (3 points)

d.)   List the attributes the text "it is important to work" has? (3 points)

11.)   Write an inline style for the paragraph tag where font-size is 16 points and margin-right is set to 12 pixels. (6 points)

12.)   Explain the purpose and the difference between <DIV> and <SPAN>. (6 points)

13.)   Write the tag to create a form input of type button with text on the button saying "Close Window" that calls the function *closeIt()* on the event *onclick*. (6 points)