**No breaks** are allowed while taking this 50-minute test. **If you have an EMERGENCY SITUATION** and need to leave, please let me know why you need to leave and leave your cell phone on the desk.

# Test 2 – Web Design

**Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Score \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

## PART 1. Multiple Choice (3 points each)

1. The CSS Box Model has 4 parts. What is the area between the padding and margin called?
   1. Content
   2. White space
   3. Border
   4. Div
2. A(n) \_\_\_\_\_\_\_ is a smaller version of a larger image, and is often linked to that larger image?
   1. icon
   2. thumbnail
   3. favicon
   4. wireframe
3. Select the item below that does not belong in a consistent website design.
   1. the same fonts on each content page
   2. the same logo in the same location on each content page
   3. a similar navigation area on each content page
   4. a different background color on each page
4. Different browsers and even different browser versions will display your web page \_\_\_\_\_\_.
   1. in exactly the same way
   2. different ways
   3. only if you buy the browser
   4. only if you use HTML5.
5. A \_\_\_\_\_\_\_\_\_\_\_ color scheme consists of shades, tints, or tones of the same color.
   1. analogous
   2. monochromatic
   3. complementary
   4. triadic
6. Set list-style-type to the value \_\_\_\_\_\_ to hide the display of the list markers on an ordered list.
   1. no-display
   2. none
   3. hide
   4. invisible
7. Which attribute below can be applied to an anchor tag to open a link in a new browser window?
   1. target
   2. window
   3. rel
   4. media
8. Which of the following is an example of a descendant selector used to configure a list within an id called menu?
   1. #menu ul
   2. ul .menu
   3. menu #li
   4. #menu, ul
9. The \_\_\_\_\_\_\_ element comprises a unit of content that is self-contained, such as an image, along with one option figcaption element.
   1. photo
   2. figure
   3. picture
   4. image
10. A color scheme comprised of two colors opposite each other on the color wheel is called:
    1. Analogous
    2. Primary
    3. Secondary
    4. Complementary
11. Which of the following configures a margin for an element with the following values: top margin 30 pixels, left margin 150 pixels, right margin 0 pixels, and bottom margin 0 pixels?
    1. margin: 150px 20px 0 300px;
    2. margin: top-30, left-150, right-0, bottom-0;
    3. margin: 30px 0 0 150px;
    4. none of the above
12. To apply a style to one or more elements on a web page, configure a CSS \_\_\_\_\_\_\_\_\_\_.
    1. group
    2. id
    3. class
    4. None of the above
13. Which CSS property configures the background color?
    1. bgcolor
    2. background-color
    3. color
    4. None of the above
14. Which of the following pseudo-classes is the default state for a hyperlink that has been clicked?
    1. :hover
    2. :link
    3. :onclick
    4. :visited
15. Use the \_\_\_\_\_\_\_\_\_ property to configure an image to use as a bullet point in an unordered list.
    1. bullet-image
    2. image-style
    3. list-style-image
    4. bullet-style-image
16. What does the “a” represent in rgba()
    1. accessibility
    2. alpha
    3. ancestor
    4. none of the above
17. Which one of these is an absolute link rather than a relative link?
    1. http://www.abc.com
    2. images/banner.jpg
    3. ../chap6/index.html
    4. None of the above

## Part 2. Diagram, code and short answers (5 points) Please write coding answers clearly and precisely. THERE IS NO PARTIAL CREDIT FOR CODE THAT WON’T WORK.

1. Write the following two comments.   
   - an HTML comment that says “End of first column”   
   - a CSS comment that says “This color is temporary”

|  |
| --- |
|  |
| <!--End of first column--> |
| /\* This color is temporary \*/ |

1. What is the reason for the CSS clear property?

|  |
| --- |
| To clear a float |

1. Provide a definition **OR** give a code example of ARIA.

|  |
| --- |
| <nav role="navigation"> |
| Provides techniques for additional accessibility for web pages and web apps. One method is to identify the purpose of an element, as shown above. |
|  |
|  |
|  |

1. Write the CSS code to do the following to the **“anchors”** of an **“class”** called **submenu**:  
   - remove the underlines   
   - change the font color to #006400

*(BE SURE to* ***WRITE CLEARLY*** *and use the* ***EXACT SYNTAX****. Partial credit is unlikely.)*

|  |
| --- |
| .submenu a {  text-decoration: none;  color: #006400;  } |
|  |

1. What are fragment IDs? Also, what are the two steps in configuring them?

|  |
| --- |
| Provides a way to link to a portion on a page. The two steps for configuring are: |
| 1. Use an id to identify a fragment of the page. |
| 1. Use an anchor with # to link to the id |

## PART 3. Discussion Questions (12 points each.)

## Write and number all answers on the lines below. These answers must include specificity along with sound explanations -- demonstrating your understanding.

1. Briefly describe two of the CSS debugging techniques mentioned in Chapter 6.
2. What is the difference between block and inline elements? Also, give 2 examples of each.

|  |
| --- |
|  |
| 1. For the correct answer, you should have used a couple of sentences to briefly describe two of the following:  - validate css  - validate html  - use temporary/colorful backgrounds  - use temporary borders  - use both HTML and CSS comments |
|  |
|  |
| 2. For this, although you could be more descriptive, I was basically looking for something like:  Block elements force a blank line after it. Examples are <p> and <h1>  Inline elements are written within the line of text. They do not start a new line and only take up as much space as necessary. Examples are <span>, <img> and <strong> |
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