Exam Rules

- Show all your work. Your grade will be based on the work shown.
- The exam is closed book and closed notes.
- When taking the exam, you may have with you pens or pencils, and an 8 1/2” x 11” piece of paper filled with notes, programs, etc.
- You may not use a computer or calculator.
- All books and bags must be left at the front of the classroom during this exam.
- Do not open this exams until instructed to do so.
1. True or False:

   (a) ___ XHTML and HTML looks identical.
   (b) ___ In CSS, each property declaration ends with a semicolon.
   (c) ___ An element can belong to more than one class.
   (d) ___ You can validate CSS files, in the same way you validate HTML and XHTML files.
   (e) ___ Only one font can be specified in any CSS rule.
   (f) ___ If you mix 100% red, 100% green, and 100% blue you will get black.
   (g) ___ A font-family is a set of fonts that share a common characteristic.
   (h) ___ % and em specify absolute font sizes.
   (i) ___ CSS uses a box model to control how elements are displayed.
   (j) ___ Tables are defined in columns, using the <tc> element.

2. Answer in two sentences or less the following:

   (a) What is a caption in table? Give an example.

   (b) What is a summary in a table? How does it differ from a caption?

3. For each of the following, identify as whether it would be done in HTML or CSS:

   (a) _____ specify the width of an element
   (b) _____ organize table data
   (c) _____ “float” an element
   (d) _____ change text color
   (e) _____ change text alignment in a table
4. Fill in the following table with the corresponding decimal or hexcode representation of the number. For partial credit, show your work.

<table>
<thead>
<tr>
<th>Decimal</th>
<th>Hexcode</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>#10</td>
</tr>
<tr>
<td>30</td>
<td>#a0</td>
</tr>
<tr>
<td></td>
<td>#bc</td>
</tr>
</tbody>
</table>

5. Change the following HTML file to be in XHTML. Circle all changes needed and write in the changes:

```html
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
    <title>Starbuzz Coffee</title>
    <link rel="stylesheet" type="text/css" href="starbuzz.css">
</head>

<body>
    <div id="header">
        <img src="images/header.gif" alt="Starbuzz Coffee header image">
    </div>

    <div id="main">
        <h1>QUALITY COFFEE, QUALITY CAFFEINE</h1>
        <p>
        At Starbuzz Coffee, we are dedicated to filling all your caffeine needs through our quality coffees and teas. Sure, we want you to have a great cup of coffee and a great coffee experience as well, but we're the only company that actively monitors and optimizes caffeine levels.
        </p>
    </div>
</body>
</html>```
6. Be the browser with the following HTML and CSS files. Draw the page and indicate any style (color, borders, etc) on your page:

**HTML:**

```html
<html>
<head>
<title>My Trip on a Segway</title>
<link type="text/css" rel="stylesheet" href="journal.css" />
</head>
<body>
<h1>Segway'n USA</h1>
<p>Documenting my trip!</p>
<h2>August 20, 2005</h2>
<p><img src="images/segway2.jpg" alt="Me in NM" /></p>
<p>I passed through: </p>
<ol>
<li>Walla Walla, WA</li>
<li>Magic City, ID</li>
<li>Bountiful, UT</li>
<li>Last Chance, CO</li>
<li>Truth or Consequences, NM</li>
<li>Why, AZ</li>
</ol>
<h2>July 14, 2005</h2>
<p>I saw some signs:</p>
<blockquote>
Passing cars, <br />
When you can’t see, <br />
May get you, <br />
A glimpse, <br />
Of eternity. <br />
</blockquote>
<p>I won’t be passing any cars.</p>
</body>
</html>
```

**CSS:**

```css
body {
  font-family: Verdana, Geneva, Arial, sans-serif;
  font-size: small;
}

h1, h2 {
  font-weight: normal;
  color: blue;
  border-bottom: thin dotted #888888;
}

h1 {
  font-size: 170\%;
}

h2 {
  font-size: 130\%;
}

blockquote {
  font-style: italic;
}

li {
  list-style-type: square;
}
```
7. Write a **complete** CSS style sheet that:

- use sans-serif font throughout the page,
- color headings blue,
- color paragraph text gray,
- except for paragraphs in the `sale` class which should have red text, and
- create a dotted border around images

8. Write the HTML code for the table with the following information:  
   (No need to write any CSS rules or style sheets).

<table>
<thead>
<tr>
<th>Flight</th>
<th>Price</th>
<th>Date</th>
<th>Time</th>
<th>Depart</th>
<th>Arrive</th>
<th>Depart</th>
<th>Arrive</th>
</tr>
</thead>
<tbody>
<tr>
<td>701</td>
<td>$349.00</td>
<td>Wed, 07 Nov</td>
<td>6:55 AM</td>
<td>JFK</td>
<td>SJU</td>
<td>11:54 AM</td>
<td>SJU</td>
</tr>
<tr>
<td>711</td>
<td>$349.00</td>
<td>Wed, 07 Nov</td>
<td>8:40 AM</td>
<td>JFK</td>
<td>SJU</td>
<td>1:40 PM</td>
<td>SJU</td>
</tr>
<tr>
<td>705</td>
<td>$349.00</td>
<td>Wed, 07 Nov</td>
<td>10:30 AM</td>
<td>JFK</td>
<td>SJU</td>
<td>3:19 PM</td>
<td>SJU</td>
</tr>
</tbody>
</table>
9. Write the style sheet that will arrange the following page to have the menu “floating” on the left:
(Hint: Do not change any of the HTML code.)

<html>
<head>
  <title>CIS Cafe</title>
  <link type="text/css" rel="stylesheet"
       href="cafe.css" />
</head>
<body>
  <div id="header">
    <h1>CIS Cafe</h1>
  </div>
  <div id="menu">
    <h2>The Daily Menu</h2>
    <!-- lists the specials-->
  </div>
  <div id="main">
    <h2>Welcome!</h2>
    <!-- describes the cafe-->
  </div>
  <div id="footer">
    Located in Gillet Hall, Open Daily!
  </div>
</body>
</html>
10. Write a complete HTML file and CSS file to display two places you would like to visit. The page should have a header, with title, and a footer with your contact information. The two places should be displayed side by side. Each should include a title, an image, and a paragraph describing the place.

**HTML:**

**CSS:**