

**Tufts University**  
**Department of Computer Science**  
**COMP 20: Web Programming**  
**Spring 2013**  
**Practice Quiz 1. Closed Book.**  
*Please read all questions carefully before answering!*

**NAME:** \_\_\_\_\_ **LOGIN:** \_\_\_\_\_

Quiz 1 will cover the following topics:

- World Wide Web
- HTTP
- HTML
- HTML5
- Cascading Style Sheets (CSS)
- Git
- Document Object Model (DOM)
- JavaScript variables, functions, and objects

1 (2 points each). In CSS, an ID selector uses the ID attribute of an HTML element, and is defined with a \_\_\_\_\_. A class selector uses the class attribute of the HTML element, and is defined with a \_\_\_\_\_.

2 (2 points each). In HTML, \_\_\_\_\_ elements contain an entire large region of text while \_\_\_\_\_ elements affects a small region of text and must be nested inside a block-level element. The former type of elements typically automatically create new lines.

3 (4 points). Consider the following HTML5 code:

```
<!DOCTYPE html>
<html>
<head>
<title>Survey</title>
</head>
<body>
<form action="survey.php" method="post">
<table>
<tr>
<td>What is your favorite website?</td>
<td><select name="website"><option value="1">Facebook</option><option
value="2">Google</option><option value="3">Yahoo!</option><option
value="4">YouTube</option><option value="5">Windoze Live</option><option
value="6">Wikipedia</option>...</select></td> <!-- The "..." means more
options -->
<td><input type="submit" name="vote" value="Vote!" /></td>
</tr>
<tr>
<td>Name a better website:</td>
<td><input type="text" name="other"></td>
<td><input type="submit" name="add" value="Add!" /></td>
</tr>
```

```
</table>  
</form>  
</body>  
</html>
```

Draw out the form as it appears on a modern desktop browser (e.g., Chrome, Safari, Firefox, Internet Explorer; not lynx).

4 (3 points). List three drawbacks of HTML that HTML5 resolves.

**Answers:**

- 1. #, .**
- 2. block, inline**
- 4. All tags must close, all elements are in lowercase, attributes for some elements are required (e.g., "alt" for "img")**