9/25/2012 Practice Final Exam

**General Javascript Questions**

Circle T or F for the true/false questions.

1. [ T F ] Neither Javascript nor PHP have variables.
2. What are the two main things that Javascript code does?  
     
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_react to events\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_manipulate the DOM\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<button onclick="changeText();" id=”btn”>Click me!</button>

<input id="output" type="text" value="replace me" />

<script>function changeText() {

var textbox = document.getElementById("output");

var btn = document.getElementById("btn");

btn.value = "Hello, world!";} </script>

1. Draw how the above HTML will appear in the browser after the button is clicked.

Click Me

Replace me

window.onload = pageLoad;

1. [ T F ] When the above line is interpreted the pageLoad function runs.
2. [ T F ] Document is a property of screen.

**DOM, Scope, Timer Questions**  
  
 setTimeout(booyah(), 2000);

Function booyah() { return alert(‘hi’); }

1. [ T F ] The above 2 lines of code will cause the booyah function to be called every 2000 seconds.
2. [ T F ] All variables created inside of a function will be local.
3. [ T F ] Strict mode will show an error if you try to assign to an undeclared variable.

varf = [];

for (vari = 0; i< 7; i++) {

f[i] = function() { return i; }}

1. What is the value of f[2]()? \_\_\_7\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**jQuery Questions**

1. Rewrite the following using jQuery syntax:

document.getElementById("id")

\_\_\_\_\_\_\_\_\_\_$(“#id”)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Event Questions**

$("#game >button.control").click(gameButtonClick);

1. [ T F ] The above statement will always attach 1 or 0 event handlers because #game is an element id and must be unique on the page.

<body>

<div>

<p>

Events are <em>crazy</em>!

</p>

</div>

</body>

$(function() {

$("body, div, p, em").click(hello);

});

1. How many events handlers will be called if you click on the word “are”? \_\_\_3\_\_\_\_

**Ajax Questions**

1. [ T F ] XMLHttpRequest is only allowed to send HTTP requests to the same web server that sent the page.