

**Southern Polytechnic State University  
School of Computing and Software Engineering  
IT 3204 / IT 5123 – Web Development**

**IT 3204 / IT 5123 – BROWN  
Sample Examination  
February 14, 2007**

**Directions:** This sample examination is intended to give you an idea of the *kinds* of questions that will be on a real exam. You do not have to complete it. Remember, this is only a sample; real exams will be longer! (And have space for your answers on the exam.)

1. In a sentence or two, describe how specifying the **height** and **width** attributes of the `<img />` element will make a Web page appear to load faster.

2. What is displayed on browser screen when the following JavaScript fragment is executed? (You can explain it or sketch it, whichever seems easier.)

```
alert("Stop<br />that!");
```

3. We discussed three important characteristics of the Internet that make it a successful world-wide network. Name and briefly describe any one of them.

4. In a JavaScript constructor, what does **this.** refer to?

5. A text input area is defined as shown below. What will happen if a user types more than 25 characters into it?

```
<input type="text" name="address" size="25">
```

6. An HTML programmer can choose either the GET method or the POST method for sending HTML form data to a Web server. What is the difference? Which one would you generally choose, and why?

7. What is the result of executing the following JavaScript fragment? (That is, what will be the value of the variable **x**?)

```
a = 7;  
b = 'two';  
x = a * b;
```

8. How does the `<span>` tag differ from the `<div>` tag?

9. In general, is the presence of a horizontal scroll bar in a Web page a good thing or a bad thing? Explain why.

10. Assuming the target page is set up correctly, what does the following link do?

```
<a href="products.html#hardware">Hardware</a>
```