CIS 121 - Quiz 6 - Wednesday, February 26, 2003

Name: ___________________________________________ Student Number: ____________________________

1. (2 pts) True/False ________________ JButton is a subclass of Button.

2. (2 pts) What three lines of code would we use to create a new instance of a JButton with label ”Press Me”, set its width to be half of the applet’s width, set its height to be 1/8 of the applet’s height, and center the button vertically and horizontally on the applet?

3. (2 pts) What is wrong with the following class definition? What could you do to fix it?

```java
import java.awt.*;
import javax.swing.*;
import java.awt.event.*;
public class Test extends JApplet implements ActionListener {
    public void init() {
        Container container = getContentPane();
    }
}
```

4. (2 pts) The method _______________________ returns a reference to the component that caused an ActionEvent to occur, and the method _______________________ will return the label of a JButton if we haven’t called setActionCommand() on the JButton.

5. (2 pts) If there is not enough space within a JButton to place its label, we will see ______________________ inside the JButton. In order to create more space to write the label, we can reset the margins of the JButton by obtaining an instance of an ______________________ object and changing its public variables, left and right, to 0 and calling the method setMargin using this object.