CIS 121 - Quiz 5 - Wednesday, June 18, 2003

Name: ___________________________   StudentNumber: _______________________

1. (2 pts) What is printed by the following code? Explain.

```java
import java.util.*;
public class Question1 {
    public static void main(String[] args) {
        StringTokenizer tempST = new StringTokenizer("1;2;3;4,5;6");
        for (int i=0;i<tempST.countTokens();i++)
            System.out.println(tempST.nextToken());
    }
}
```

2. (2 pts) JComponent from the javax.swing package is a subclass of ________________ which is a subclass of ________________.

3. (2 pts) In order to load an applet we must specify the name of the applet to load and its ________________ and ________________.

4. (2 pts) In order to draw a line from the upper-left corner of an applet to the point on the right side of the applet which is halfway between its upper-right corner and lower-right corner, we would use the code
g.drawLine(________________________, __________________________, __________________________, __________________________);

5. (4 pts) Suppose you have an applet whose width and height are the same. Using only the methods we have discussed so far, fill in the following paint method which will color the triangular portion of the applet from the diagonal between its upper-left corner and its lower-right corner and its lower-left corner in red. (You should be able to do this with about three lines of code.)

```java
public void paint(Graphics g) {
}
```