CIS 121 - Quiz 7 - Friday, June 25, 2004

Name: ______________________________ J Number: ______________________________

1. (2 pts) Suppose we have the following HTML code to load an applet.

```html
<applet code=Test width=400 height=400>
<param name="number" value="1" />
</applet>
```

What line of code would be used in the applet to initialize an integer to the value in the param tag?

2. (2 pts) Suppose we have an Image named `image` in an applet. Suppose that the parameter of the `paint` method is called `g`. Fill in the following line so that the image will be centered horizontally and vertically in the applet.

```java
g.drawImage(image, _____________, _____________, this);
```

3. (2 pts) Calendar is an _______________ class so we can't create an instance of it with a constructor, but we can use the class method _______________ from the Calendar class to obtain an instance of a Calendar.

4. (2 pts) Suppose we have a Calendar reference named `c`. Given that there are 60 seconds in a minute and 60 minutes in an hour, how would we use `c` to determine how many seconds there have been between midnight and the time we created `c`?

5. (2 pts) Recalling how class definitions work, will there be a syntax error when the following class definition is compiled? If not, how many times is the word Hello printed when the class definition is interpreted?

```java
public class Question5 extends Thread {
    private boolean keepGoing;
    public Question5() {
        start();
    }
    public void run() {
        while (keepGoing)
            System.out.println("Hello");
    }
    public static void main(String[] args) {
        new Question5();
    }
}
```