Name:

Date:

Class: CS 160

Quiz #1

1) Which generation defines the following? (Five Points)

1. Artificial Intelligence – **Fifth Generation**
2. Transistor – **Second Generation**
3. Vacuum Tube – **First Generation**
4. Microprocessor – **Fourth Generation**
5. Integrated Circuit – **Third Generation**

2) Which generation would include scripting languages? (Ex: **Python**) (Four Points)

**Fourth Generation**

3) What was a common issue resulting in failure of vacuum tubes? (Four Points)

**Heat, but could list others**

4) List one method of inputting data into a first-generation computer. (Four Points)

**-= One of These =-**

**Punch Cards**

**Paper Tape**

**Patch Cables/Switches**

5) Over time/generations, how do computers generally become “better”? (List three) (Three Points)

**-= Three of These or Other =-**

**Faster**

**Cheaper**

**Smaller**

**More Efficient**

**More Reliable**

EC) Convert this binary number into its decimal equivalent. (Two Points)

00001011 = **11**