1) What facts of reality give rise for the need of Loops ?

Programmers are really lazy, so loops make everything easier.

2) What are the three parts governing a for loop ?

The initial code, the condition, and the increment parts.

3) What is an Infinite Loop ?

An infinite loop never exits.

4) Write a Condition that would result in an infinite loop.

if (int x=1; x<2; )

do stuff

5) What type of Sequence is a loop ?

Repeating sequence

6) What does the flow chart for a for loop look like ?

Blocks of code connected to each other with a line to the top

7) What is the differences between a pre-test and post-test loop ?

One checks the condition before code execution, the other after.

8) What is a nested for loop ? Give an example.

A loop in a loop

if (int x=1; x < 100, x++) {

if (int y=1; y<100, y++) {

do stuff

}

do other stuff

}

9) What does the setw() function do ? Did you use it in your code ?

10) Which is better ?

a. Write a block of code 10 times

b. Write a block of code 1 time and copy and paste 9 more times

c. Write a block of code 1 time and place it in a loop structure that repeats it 10

times

The last one - less work

11) Research online, the three conditions in the for loop. Which do you need, which can you

do without ?

You don't really need all 3 within a loop, but you can put them outside

12) Why do lazy programmers use loops ?

Because it's less work to use loops

13) What does ‘contiguous’ mean ?

The loops' code repeats one after the other

14) How are a simple sequence and a loop different ?

Loops repeat a variable number of times based on a condition - a simple sequence just goes

15) Why do you like or dislike loops ?

I like loops, but not in c++ - python loops are better and easier for me to think about.