

# Programming I - Final Exam Review

100 points, 10 pages (sections 1.3, 2.1-9, 3.1-3.6, 5.7)

Note: All questions are taken from previous tests

2 Parts: ScanTron 6 pages, 45 points

NonScanTron 4 pages, 55 points

## Part I:

21 T/F

24 Multiple Choice

## Part II:

7 Terminology Matching: ROM, RAM, BIT, Byte, sequence, loop, selection (branching)

5 Valid or Invalid identifiers

5 Division problems (using / or % with decimals or integers)

4 Casting data types and assignments

7 Math methods: sqrt, pow, abs, ceil, floor, round

4 Valid or Invalid assignments

8 Outputs using print and println and escape characters: \n, \", \', \\

2 ++ or --

2 Assignment shortcuts: +=, -=, /=, \*=

5 Boolean decisions (true or false) using: ==, !=, <, >, <=, >=, &&, ||

2 Outputs using **if else**, **while**, **for**, **do**

3 Outputs using: NumberFormat and DecimalFormat: getCurrencyInstance, getPercentInstance, DecimalFormat("##.###"); DecimalFormat("00.000") etc