CMPUT 229 (A2) - Computer Organization And Architecture I
Quiz #0 — Fall 2013

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Name:

CMPUT 229 Honor Code

By turning in the quiz solution for grading, I certify that I have produced the solution in accordance to the academic integrity policies in Section 26.1 of the University of Alberta 2013/2014 Calendar.

Edmonton, September 11, 2013.

Question 1 (100 points):

This is a **true** or **false** question. For each statement you have to indicate whether the statement is true or false. Use the capital letter T to indicate true, and the capital letter F to indicate false. You win 20 points for each correct answer. **You lose 10 points for each incorrect answer.** You are neither rewarded nor penalized for statements that you do not mark. If you mark all statements correctly you will earn a maximum of 100 points in this question. Regardless of how many statements you mark wrong, your score in this question cannot be below zero.

a. (**T**) An *assembler* is a program that translates a symbolic version of instructions into their binary versions.

b. (**F**) An *operating system* is responsible for deciding which portions of the data used by a program should be stored in the cache and which ones should not.

c. (**T**) *Secondary memory* is a nonvolatile memory used to store programs and data between runs.

d. (**T**) A *cache memory* is smaller and faster than the main memory in a computer. The cache memory acts as a buffer between the processing speed of the processor and the speed of operation of the computer's main memory.

e. (**F**) *High-level programming language* is a portable language that is composed of words and algebraic notation that can be translated by an assembler into a binary representation.