

CMPUT 229 (A2) - Computer Organization And Architecture I

Quiz #0 — Fall 2013

Prof. José Nelson Amaral
Computing Science Department
University of Alberta

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. (**F**) An *assembler* is a program that translates high-level language statements into assembly-language statements.
- b. (**T**) An *operating system* is a program that manages the resources of a computer for the benefit of the programs that run on that computer.
- c. (**F**) *Secondary memory* is the portion of the main memory reserved to store non-user data such as the operating-system tables.
- 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. (**T**) *High-level programming language* is a portable language that is composed of words and algebraic notation that can be translated by a compiler into assembly language.