## CMPUT 229 - Computer Organization And Architecture I Quiz #1 — Winter 2014

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| Name: | Solution |  |  |
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## 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.

## Question 1 (5 points):

Assume that register \$50 contains 0x0000000F.

What is the value of register \$t0 in hex after the following instructions?

sll \$t0, \$s0, 2 
$$\longrightarrow$$
 \$t0 =  $0 \times 0000 \times 0000$  and \$t0, \$t0 0 $\times 0000 \times 0000 \times 0000$ 

## Question 2 (5 points):

Using the tables on the back page of this quiz, give the hexadecimal representation of the following instruction:

0x0109 4020