

Name:

Id#

ICS 233, Term 072

Computer Architecture & Assembly Language

Quiz# 4

Date: Wednesday, April 2, 2008

Q.1. Write the minimum required MIPS instructions to do the following:

1. Push the content of register \$s1 on the stack.
2. Pop the content of register \$s2 from the stack.

Q.2. Write the minimum required MIPS instructions to implement the following recursive function:

$$t(0) = 0$$
$$t(n) = 2 + 3 * t(n-1);$$