## 0907232 Computer Organization (Spring 2001) <u>Quiz 3</u>

رقم الشعبة: ١

رقم التسجيل:

الاسم:

<u>Instructions</u>: Time 10 minutes. Closed books and notes. No calculators. Please answer all problems in the space provided. No questions are allowed.

<Good Luck>

Q. Draw a single-cycle processor implementation that can execute the MIPS instructions: add and lw. Include only the hardware components and buses needed for the execution of these two instructions. Label all datapath components, bus widths, and control signals.

