**Homework #8 Answer Sheet**

**Name: Classification/Section**

**Please input the answers in the indicated spaces below and return as an email attachment to your TA. Instructions for this answer sheet are on the last page.**

**Problem 1: add $t2, $t0, $t1**

**Identify the registers or input the numerical values for the boxes indicated:**

**#1 --**

**#2 --**

**#3 --**

**#4 --**

**#5 --**

**#6 --**

**#7 --**

**Check the control lines active of those listed below:**

**Reg. Write \_**

**Branch \_**

**Mem, Write \_**

**Mem. Read \_**

**Mem./ALU \_**

**ALU Srce. \_**

**ALU Op. \_**

**Reg. Dist. \_**

**Problem 2: and $t9,$t8,$t7**

**Identify the registers or input the numerical values for the boxes indicated:**

**#1 --**

**#2 --**

**#3 --**

**#4 --**

**#5 --**

**#6 --**

**#7 --**

**Check the control lines active of those listed below:**

**Reg. Write \_**

**Branch \_**

**Mem, Write \_**

**Mem. Read \_**

**Mem./ALU \_**

**ALU Srce. \_**

**ALU Op. \_**

**Reg. Dist. \_**

**Problem 3: lw $t0,16($t1)**

**Identify the registers or input the numerical values for the boxes indicated:**

**#1 --**

**#2 --**

**#3 --**

**#4 --**

**#5 --**

**#6 --**

**#7 --**

**Check the control lines active of those listed below:**

**Reg. Write \_**

**Branch \_**

**Mem, Write \_**

**Mem. Read \_**

**Mem./ALU \_**

**ALU Srce. \_**

**ALU Op. \_**

**Reg. Dist. \_**

**Problem 4: sw $t2,32($t3)**

**Identify the registers or input the numerical values for the boxes indicated:**

**#1 --**

**#2 --**

**#3 --**

**#4 --**

**#5 --**

**#6 --**

**#7 --**

**Check the control lines active of those listed below:**

**Reg. Write \_**

**Branch \_**

**Mem, Write \_**

**Mem. Read \_**

**Mem./ALU \_**

**ALU Srce. \_**

**ALU Op. \_**

**Reg. Dist. \_**

**Instructions for Homework #8**

**Homework #8 requires some special attention in terms of answering the questions and turning in the answer sheets. To complete this homework, do as follows:**

1. **After downloading this “Homework #8 Answer Input Sheet,” download Homework #8, which is a .pdf file, or simply open it on the website. Read each problem carefully, then turn to that problem diagram. The required information is shown (numbered boxes) on the diagram.**
2. **On the Answer Input Sheet, simply type your answer beside the number corresponding to the input box on the drawing. You should have an answer for each box.**
3. **When you have input the required answers, simply put an X by each control line signal that will be activated. All the possible control line signals are listed, so you simply have to identify the ones that are active during the subject instruction.**
4. **When you have finished your answer sheet, save a copy and then email it as an attachment to your TA. Students in the night class have TWO TA’s, so check on the assignment due date chart to see which TA will grade Homework #8.**
5. **That’s all there is to it! Be sure your input is sent by the due date, as usual.**