ZJU-UIUC Institute
Final Exam, ECE 120

Thursday 30 May 2019

Name (pinyin and Hanzi):

Student ID: Discussion Room #

- Be sure that your exam booklet has ELEVEN pages.
- Write your name, student ID, and discussion room number on the first page.
- Do not tear the exam apart other than to remove the last page.
- This is a closed book exam. You may not use a calculator.
- You are allowed FOUR handwritten A4 sheets of notes (both sides).
- The last two pages of the exam are LC-3 reference sheets. Copies of Patt & Patel’s Appendix A are also available during the exam.
- Absolutely no interaction between students is allowed.
- Show all work, and clearly indicate any assumptions that you make.
- Don’t panic, and good luck!

Problem 1 30 points _______________________________
Problem 2 16 points _______________________________
Problem 3 16 points _______________________________
Problem 4 15 points _______________________________
Problem 5  8 points _______________________________
Problem 6 15 points _______________________________

Total 100 points _______________________________