

# Discrete Structures for CS Exam 2A

Name: \_\_\_\_\_

- This is a closed book exam; only 1 sheet (both sides) of handwritten notes is permitted.
- No calculators, no phones.
- You will have 75 minutes for this exam.
- It will consist of two sections
  - (30pts) 6 multiple choice questions worth 5 points each
  - (150pts) 15 medium-length questions/problems worth 10 points each

## Instruction

Read each question carefully, and work as many as possible. You may skip some problems, since you need to collect only 150 points out of 180. I suggest you try to answer all questions, since you may receive only partial credit on some of them. **For the multiple choice problems**, write the letter corresponding to the correct answer on the answer-line next to the question. You will not receive any partial credit for work done on multiple choice problems. **For the medium-length problems**, be concise and given well-written explanations and answers. Rambling or poorly written/organized explanations, which are difficult to follow, will receive less credit.

Mult. Ch.	Problem 1	Problem 2	Problem 3	Problem 4	Problem 5
Problem 6	Problem 7	Problem 8	Problem 9	Problem 10	Problem 11
Problem 12	Problem 13	Problem 14	Problem 15	Total	