

# CS 200 Algorithm Analysis Exam 1A

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

- This is a closed book exam; only 1 sheet (both sides) of handwritten notes is permitted.
- No calculators, no computers, no phones, no electronics.
- You will have 50 minutes for this exam.
- Make sure you have answered all problems before moving on to the bonus problem.

## Instruction

This exam contains 7 questions, 8 pages (including the cover) for a total of 65 points. Your score will be taken out of 50 points maximum.

Work as many problems as possible. Provide a short preliminary explanation of how an algorithm works before running an algorithm or presenting a formal algorithm description, and use examples or diagrams if they are needed to make your presentation clear. Please be concise and give well-organized explanations. Rambling or poorly written/organized explanations, which are difficult to follow, will receive less credit.

Sign below to re-commit to the Wooster Ethic:

*I hereby join this community with a commitment to the Wooster Ethic upholding academic and personal integrity and a culture of honesty and trust in all my academic endeavors, social interactions, and official business of the College. I will submit only my own original work, and respect others and their property. I will not support by my actions or inactions the dishonest acts of others.*

Signature: \_\_\_\_\_