

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

Recitation section (circle one)

R01 Mon. 12:50

R03 Mon. 3:50

R02 Wed. 12:50

## Final Exam

**Closed book.** No notes allowed. **Any** calculators are permitted. There are no trick questions here. There are five questions, one per page, each worth **20 points**, for a maximum score of **100**. In general, you need to show the reasoning behind your answer. A correct number alone will not get much credit.

Do the exam on these pages. It would be smart to write your name on all pages, in case of staple failure. If a question seems too easy, perhaps it is just easy. Relax and good luck! Two significant figures will be accepted as sufficient on this test. Do not forget to give units in your final answer. If your calculator fails, you should get **numerical** answers to 10% by simple arithmetic for almost full credit. The **exams will be graded by Wednesday, May 17 and can be looked at in Sasha Abanov's office (B-102).**

**Turn cell phones off. Have your University ID out for checking, please.**

### Variant **A**

Problem 1	
Problem 2	
Problem 3	
Problem 4	
Problem 5	
Total Score	

Total score for the course (out of 100)

Grade