

**MATH 145A - SET THEORY I
INFORMATION ON THE LAST EXAM**

When? The last exam will be distributed right after class on Tuesday, December 3 at 1h15pm. It will also be posted on the course webpage at the beginning of the afternoon on December 3. You can take it home and will have 48 hours to solve the problems. The exam will be due back on Thursday, December 5, before 1h15pm. Please either hand it back physically to me in my office in SC 321H, or send it as a PDF to me by email (I will reply with a confirmation): sebv@math.harvard.edu

If you cannot take the exam at that time (for example because of a religious holiday or a university event), please let me know as soon as possible.

What is covered? The last exam will cover everything discussed in class up to and including the lecture on Thursday, November 21. This also includes the topics covered in assignments 1-12. Emphasis will be on the topics seen in class *after* the midterm. This corresponds to sections 12-17 and 18.1 of the notes.

What can I use during the exam? You may use your personal course notes, the official course notes (available from the course website), the assignments, sample exams, midterm, and their solutions posted on Canvas. You may *not* use any other documents. In particular, you are *not* allowed to search the web for solutions, go on Wikipedia, or consult any textbook.

What else can I use? Only your brain, blank paper, and a pen (or maybe a computer and software to type). You may *not* use a calculator (it would be completely useless anyway) and you may *not* collaborate with anybody. You are *not* even allowed to show the exam to anybody (even if you have no plans to collaborate with them) before Dec. 5, 1h15pm.

What will the exam look like? The exam will have six problems, you will be asked to solve four of them. There will also be one extra credit problem. I will try to make the problems slightly easier than in your homework. Your answer will be expected to have the same level of details as in the homework.

What can I do to prepare for the exam? Make sure you understand all of the homework and the course material. A sample exam is available on the course website. Try to solve it!