

Notes on Exam 1, Math 554, Summer 2006

1. Exam 1 is Wednesday June 7 and it covers sections 4, 5, and 7 of Chapter 1 and sections 1, 2, and 3 of Chapter 2.
2. Be able to define “one-to-one”, “countable”, “onto”, “upper bound”, “lower bound”, “supremum”, “infinimum”, “sequence”, “limit of a sequence”, “monotone sequence”.
3. The material on the old exams which is covered on your exam 1:
 - (a) Exam 1's:
 - 2000: all.
 - 2004: all.
 - 2005: all.
 - (b) Exam 2's
 - 2000: all.
 - 2004: 1, 3, 5, 7, 8, 9.
 - 2005: 1, 2, 3, 4, 5, 6, 7, 8.
 - (c) Exam 3's
 - 2000: 2, 3, 7.
 - 2005: 3, 5.
 - (d) Final Exam's
 - 2000: 4, 5, 9, 14.
 - 2004: 10, 14, 16.
 - 2005: 12.