

Notes about Exam 2, Math 142, Spring 2016

1. Exam 2 is Thursday, February 25, 2016. The exam covers sections 4, 5, and 6 of chapter 5, sections 1, 2, 3, 4, 5, and 8 of chapter 8, Section 10.1, and geometric series from 10.2. The relevant homework problems from 10.2 are 15, 18, 19, 25, 49, 69, 73, and 77.
2. **Be sure to MASTER all of the assigned homework.**
3. **Be sure to MASTER all Quizzes.**
4. The material on the old **MATH 142** exams which is covered on your exam 1:

Exam 1's:

- Fall 1998: 3, 5, 9, 10.
- Fall 2000: 1, 2.
- Fall 2001: 1, 2.
- Fall 2002: 1, 2.
- Spring 2004: 1, 2, 5, 6, 7.
- Fall 2004: 1, 2, 7.
- Spring 2006: 1, 2, 3, 5, 6.
- Fall 2006: 3, 4, 5, 6.
- Fall 2009: 3, 4, 5, 6.
- Fall 2010: 3, 4, 5, 6, 7, 8.
- Spring 2011: 3, 4, 5, 6, 7, 8.
- Fall 2011: 3, 4, 5, 6, 7, 8, 9.
- Spring 2012: 3, 4, 5, 6, 7, 8, 9.
- Fall 2012: 3, 4, 5, 6, 7.
- Fall 2013: 2, 3, 4, 5, 6.
- Spring 2014: 2, 3, 4, 5.
- Fall 2015: all
- Spring 2016: all

Exam 2's:

- Fall 1998: 1, 2, 3, 5, 6, 7, 8, 10.
- Fall 2000: 1, 2, 3, 4, 5, 6, 7, 8.
- Fall 2001: 1, 2, 3, 4, 5, 6, 7, 8, 11.
- Fall 2002: 1, 2, 3, 4, 5, 6.
- Spring 2004: 1, 2, 3, 4, 5, 8.
- Fall 2004: 2, 6, 7, 8, 9, 10, 11.
- Spring 2006: 1, 2, 3, 4, 5, 6, 8.

Fall 2006: 2, 3, 4, 5, 6, 7.
 Fall 2009: 1, 2, 3, 6, 7, 8, 9, 10.
 Fall 2010: 3, 4, 5, 8.
 Spring 2011: 2, 3, 5, 6, 7, 8, 9.
 Fall 2011: 5, 6, 7, 8.
 Spring 2012: 4, 5, 6, 7, 8, 9.
 Fall 2012: 2, 3, 4, 5, 6.
 Fall 2013: 1.
 Spring 2014: 2
 Fall 2015: 1, 2, 3, 4.

Exam 3's:

Fall 1998: 1, 2, 3, 4, 5.
 Fall 2000: 1, 2, 3, 4, 5, 6, 7, 8.
 Fall 2001: 1, 2, 4, 5, 6, 7, 8, 9, 11.
 Fall 2002: 1, 2, 3, 4, 5, 6, 7, 8, .
 Spring 2004: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.
 Fall 2004: 1, 2, 3, 4, 5, 6, 7, 8, 10.
 Spring 2006: 1, 2, 3, 4, 5, 6, 7, 9 (but you may merely assume that the sequence converges).
 Fall 2006: 2, 3, 4, 5, 6, 7, 6, 9.
 Fall 2009: 1, 9.
 Fall 2010: 3, 4.
 Spring 2011: 6, 7d (you may merely assume that the sequence converges).
 Fall 2011: 1d (you may merely assume that the sequence converges), 2, 3.
 Spring 2012: 2d (you may merely assume that the sequence converges), 4
 Fall 2015: 1, 2, 4, 5.

Exam 4's:

Fall 1998: 1, 2, 3, 8.
 Fall 2000: 6, 7, 8, 10, 11.
 Fall 2001: 6.
 Fall 2002: 1, 11.
 Spring 2004 : 1, 7.
 Fall 2004: 1, 2.
 Spring 2006: 6 (you may merely assume that the sequence converges), 9.
 Fall 2006: 1, 3.
 Fall 2010: 3 (You may assume that the sequence converges. Find its limit.), 4.

Final Exams:

Fall 1998: 5, 6, 7, 8, 9, 11, 16.

Fall 2000: 1, 2, 3, 6, 7, 8, 9, 10, 14.

Fall 2001: 1, 2, 9, 11, 12, 13, 14, 15, 18.

Fall 2002: 1, 2, 3, 4, 8, 9, 12.

Spring 2004: 1, 2, 3, 4, 5, 8, 9, 12, 18 .

Fall 2004: 2, 4, 5, 6, 7, 8, 11, 12, 13, 14.

Spring 2006: 1, 2, 3, 4, 5, 6, 7, 8,(you may assume that the sequence converges).

Fall 2006: 1, 2, 3, 4, 5, 6, 7, 8,(you may assume that the sequence converges).

Fall 2009: 1, 3, 8, 9, 10, 11, 12, 13, 15, .

Fall 2010: 3 (you may assume the sequence converges, merely find its limit), 4, 11, 13, 14, 15, 16, 17, 18, 19, 20.

Spring 2011: 1, 2, 3, 4, 5, 6, 9 (you may assume the sequence converges, merely find its limit), 10.

Fall 2011: 1, 2, 3, 4, 5, 6, 7, 16d (you may assume the sequence converges).

Spring 2012: 1, 2, 3, 4, 5, 6. 16d (you may assume the sequence converges).

Fall 2012: 1, 2.

Fall 2013: 7, 8, 9, 10.

Spring 2014: 6, 7, 8.

Fall 2015: 1, 2, 3, 4, 7.