

THE UNIVERSITY OF SYDNEY
MATH2069 DISCRETE MATHEMATICS AND GRAPH THEORY

Semester 1 **Paper 1 (Discrete Maths) Exam Information** 2006

1. Duration of the NORMAL DISCRETE MATHEMATICS exam: one and a half hours plus ten minutes reading time.
2. There are two sections. **Section A** requires short answers to be written in places marked on the question sheet, and is worth 20 marks. One question contains 20 true/false statements, worth 1/2 mark each. Simple guessing is inadvisable as marks may be deducted for more than 3 errors in that question.

Section B requires longer written answers and is worth 50 marks, comprising five questions worth 10 marks each.

The total available is 70 marks. Your exam mark will be added to the total of your quiz marks divided by 2 to give a combined raw mark out of 100.

3. **Advice concerning preparation:** Fix up any errors or misunderstandings in the first and second quizzes. Do (and redo) tutorial exercises, drawing on the lecture notes for help as you need it. Make sure, initially, that you feel comfortable with all unstarred problems. Then try to gain fluency in some of the starred problems. (The double starred problems are suitable for advanced students only and can be safely ignored.)

Last year's 2005 exam and the 2003 and 2004 exams for *MATH2011 Topics in Discrete Mathematics* provide excellent practice questions. These exam papers are available from the course webpage. Beware however that some of the questions, particularly in 2003 and 2004, are quite hard and relate to parts of the course not covered in 2006. If in doubt just ask!

4. The University supplied calculator may be used (though all questions can be answered with rudimentary arithmetic).
5. Consultation times in Room 619, Carslaw:

Wednesday 14 June 1.00-3.00 pm

Monday 19 June 1.00-3.00 pm

David Easdown
7 June 2006