The exam is scheduled for Friday 17 March. Calculators are not permitted, and are not needed. The exam covers Sections 6.2, 6.3, 8.1, 8.2 and 11.1 through 11.5. There are 10 problems, 3 from Chapters 6 and 8, and 7 from Chapter 11.

To study for the exam, work problems. Do the quiz problems over again. Do appropriate problems at the end of the chapter.

Here is a list of topics that you need to know:

1. Volume of revolution by disks or washers
2. Volume of revolution by shells
3. Length of a curve (arc length)
4. Surface area of a volume of revolution
5. Find the value of a geometric series modified from the standard form
6. Find the value of a series by telescoping
7. Determine whether a series converges or diverges using:
   (a) Divergence Test
   (b) Integral Test
   (c) Comparison Test
   (d) Limit Comparison Test
   (e) Alternating Series Test