MATH 205 ANNOUNCEMENTS Winter 2005

FINAL EXAMINATION (GOOD NEWS) AND GRADES

The final examinations are nearly finished, and the good news is the average grade is about 72%, almost 12% higher than the midterm average. The grades should be ready Friday, April 29, and I will have office hours from 14:00- 16:00 Friday, as well as Monday May 2. Students can pick up their long essay (if not already picked up) and see their final exam plus further details on their grade (if wished). The final exam score and final letter grade will also be posted on my office door, MS 430, by ID number. With such a good average on the final exam, I am guessing that the GPA for the class should be at least 2.3 (C+) and maybe even as high as 2.7 (B-).

In case you are curious, Question 6 about the ex-President's statement was an actual quote from the inaugural address of President Terry White, the predecessor of (current) President Weingarten. Most students chose Option (b), that this was an extremely bad thing for a university president to put into a major address. About five students went with Option (a), that it was a reasonable thing to say.

FINAL GRADES AND LONG ESSAY

The long essays are now graded, and can be picked up in my office. On Monday April 25 I should be in the office from 11:00 on, most of the time. Tuesday April 26, after 12:00, should also be OK. Tentatively, I hope to have the final grades available by Friday, April 29. They will be posted by ID number on my office door, and students are welcome to drop into the office for details if wished.

BONUS QUESTIONS

Each solution of a bonus question is worth 5 quiz points. They are posted separately on this website.

FINAL EXAMINATION : Friday, April 22, 15:30-18:30 (3:30 PM - 6:30 PM), ICT 121

REVIEWS FOR FINAL : There will be two reviews, the first a "basics" review directed towards improving performance over the entire course, and the second a specific review directed towards the final examination. The schedule for these reviews is as follows.

Basics Review   Monday April 18, 20:00, ST 147
Final Review   Wednesday April 20, 12:00, ST 147

Monday Feb 28, 20:00, ST 132

This Review will cover the 22 questions already handed out plus a couple of further questions. The further questions will appear immediately below sometime during Reading Week.

FURTHER QUESTIONS

23. Identify the nation: Tangiers, Perth, Pretoria, Antigonish, Harbin, Belo Horizonte, Walla Walla

24. Write in expanded form $\sum\limits_{j=1}^{5}(j^2 + j + 2)$.

25. Write in condensed (sigma) form $1 + 3 + 7 + 15 + 31 + 63$.

26. Draw each of the following graphs : C_6, K_5, a tree with 7 vertices, a graph with 8 vertices each of degree 3

27. A graph has vertices A, B, C, D, E, F, G, H and edges $AB, BC, CD, DA, BD, EF, FG, GH, HE, FH, DF, BH$. It is a planar graph. Draw it, find an Euler cycle, and show that it has no Hamilton cycle.

28. Factor (if possible) : $2^{15} - 1$, 3031303, $2^{12} + 1$, $2^{16} + 1$, 9999.