

PLEASE HAND IN

UNIVERSITY OF TORONTO  
MISSISSAUGA

PLEASE HAND IN

APRIL 2007 EXAMINATIONS

CSC 363H5 S  
Instructor: A. Magen

Duration — 3 hours

Examination Aids: One 8.5" × 11" sheet of paper, *handwritten* on both sides.

Student Number: \_\_\_\_\_

Last (Family) Name(s): \_\_\_\_\_

First (Given) Name(s): \_\_\_\_\_

*Do not turn this page until you have received the signal to start.*

This final examination consists of 6 questions on 10 pages (including this one), printed on one side of the paper.

Answer each question directly on the examination paper, in the space provided, and use the reverse side of the pages for rough work. If you need more space for one of your solutions, use the reverse side of a page and *indicate clearly the part that should be marked*.

In your answers, you may use without proof any result or theorem covered during the course in lectures, tutorials, assignments, or term tests. You must justify all other facts required for your solution.

You will get 20% of the marks of a question/subquestion if you explicitly state that you do not know how to answer it. Any attempts to solve this question would need to be crossed-off.

It is an academic offence for students to possess the following items at their examination desks: cell phones, pagers of any kind, IPODs, MP3 players, wristwatch computers, personal digital assistants (e.g., palm pilots) or any other device that is electronic. If any of these items are in your possession now, please ensure they are turned off and put them with your belongings at the front (or side) of the room before the examination begins - no penalty will be imposed. A penalty WILL BE imposed if any of these items are kept at your examination desk.

Please note, students are NOT allowed to petition to REWRITE a final examination.

MARKING GUIDE

# 1: \_\_\_\_\_/ 18

# 2: \_\_\_\_\_/ 12

# 3: \_\_\_\_\_/ 15

# 4: \_\_\_\_\_/ 24

# 5: \_\_\_\_\_/ 18

# 6: \_\_\_\_\_/ 13

BONUS  
MARKS: \_\_\_\_\_/ 5

TOTAL: \_\_\_\_\_/100

*Good Luck!*