

PLEASE HAND IN

UNIVERSITY OF TORONTO
Faculty of Arts and Science
APRIL/MAY 2004 EXAMINATIONS

PLEASE HAND IN

CSC 263H1 S
St. George Campus

Duration — 3 hours

Examination Aids: One 8.5" × 11" sheet of paper, *handwritten* on both sides — NO calculator.

Student Number: _____

Last (Family) Name: _____

First (Given) Name(s): _____

Lecture Section: L0101 (morning) L0201 (afternoon)

Do not turn this page until you have received the signal to start.
(In the meantime, please fill out the identification section above,
and carefully read the instructions below.)

This final examination consists of 7 questions on 12 pages (including this one), printed on one side of the paper. *When you receive the signal to start, please make sure that your copy of the examination is complete.*

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 one or more page(s) and *indicate clearly the part of your work that should be marked.*

In your answers, you may use without proof any fact covered in lecture, tutorial, or assignments, as long as you clearly mention the fact you are using. You must justify all other facts required for your solutions.

If you are unable to answer a question (or part of a question), you will get 20% of the marks for the question (or part of the question) if you state clearly that you do not know how to answer. Note that you will *not* get those marks if your answer is completely blank or contains contradictory statements (such as "I do not know how to answer" followed or preceded by parts of a solution that have not been crossed off).

General Hints: Start all your answers with a *short* statement of what you are trying to achieve and the steps you plan to take, for part marks. There is ample space on the examination paper to answer each question.

1: _____ / 13

2: _____ / 17

3: _____ / 10

4: _____ / 10

5: _____ / 23

6: _____ / 15

7: _____ / 12

BONUS: _____ / 5

TOTAL: _____ / 100

Good Luck!