UNIVERSITY OF TORONTO
Faculty of Arts & Science

APRIL 2024 EXAMINATION

CSC 165 H1S
(MATH. EXPRESSION & REASONING FOR C.S.)

Duration: 3 hours

Aids Allowed: None

See the notes placed throughout this exam for additional context on each question, which ones are relevant, and which ones are not.
Note: in 2024, implication (→) was represented as "⇒" and biconditional (↔) was represented as "⇔".
Also note: we do NOT have solutions to these questions.

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

Write your name and student number below **(do this now)**, then read the instructions.

STUDENTS MUST HAND IN ALL EXAM MATERIALS AT THE END

Given Name(s):

Family Name(s):