UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE AND ENGINEERING

APS 105 — Computer Fundamentals
Final Examination
April 20, 2020

Examiners: P. Anderson, B. Li, B. Korst, M. Rezanejad

Exam Type D: This is an "open book" examination.

Please see the posted examination instructions in Quercus. *If the question calls for you to upload a **function** as your .c code, only include the function that needs to be implemented and your own helper functions. Do not include main or any sample data. When "planning material" is specified, this means your background program development information like the data structure drawings and flow charts you might use to analyse the problem. Your planning material is optional, and your .c code file is your primary submission for marks and part marks.*

You must use the C programming language to answer programming questions. Do not write