UNIVERSITY OF TORONTO
Faculty of Arts and Science

DECEMBER 2019 EXAMINATIONS

CSC 104 H1F
Duration: 3 hours
Aids Allowed: None

Student Number: __________________________
Last (Family) Name(s): ________________________________
First (Given) Name(s): ________________________________

Do not turn this page until you have received the signal to start.
In the meantime, please read carefully every reminder on this page.

• Fill out your name and student number on the top of this page.
• Do not begin writing the actual exam until the announcements have ended and the Exam Facilitator has started the exam.
• As a student, you help create a fair and inclusive writing environment. If you possess an unauthorized aid during an exam, you may be charged with an academic offence.
• Turn off and place all cell phones, smart watches, electronic devices, and unauthorized study materials in your bag under your desk. If it is left in your pocket, it may be an academic offence.
• When you are done your exam, raise your hand for someone to come and collect your exam. Do not collect your bag and jacket before your exam is handed in.
• If you are feeling ill and unable to finish your exam, please bring it to the attention of an Exam Facilitator so it can be recorded before leaving the exam hall.
• In the event of a fire alarm, do not check your cell phone when escorted outside.
• There is a summary of the CSC104 Language at the end of the exam.
• This final examination consists of 12 questions on 23 pages (including this one), printed on both sides 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 a “blank” page for rough work. If you need more space for one of your solutions, use one of the “blank” pages and indicate clearly the part of your work that should be marked.

Marking Guide

N° 1: ______/ 19
N° 2: ______/ 12
N° 3: ______/ 12
N° 4: ______/ 14
N° 5: ______/ 8
N° 6: ______/ 17
N° 7: ______/ 14
N° 8: ______/ 14
N° 9: ______/ 20
N° 10: ______/ 7
N° 11: ______/ 6
N° 12: ______/ 7
TOTAL: ______/150