UNIVERSITY OF TORONTO MISSISSAUGA
DECEMBER 2021 FINAL EXAMINATION
MAT135H5F - Differential Calculus

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Duration - 3 hours

Aids: Calculators; Open book (Textbook) -
https://openstax.org/details/books/calculus-volume-1

The University of Toronto Mississauga and you, as a student, share a commitment to academic integrity. You are reminded that you may be charged with an academic offence for possessing any unauthorized aids during the writing of an exam. If, during an exam, you make use of any unauthorized aid you may be charged with an academic offence. A typical penalty for an academic offence may cause you to fail the course. Please note, once this exam has begun, you ***CANNOT*** *re-write it.*

Submissions:

- Submissions must be uploaded to Crowdmark by 4:30pm EST. Deadlines are strict!
- Any solutions submitted after 4:30pm EST may not be accepted, or may result in a 10% penalty.
- **Write full solutions, and explain all your reasoning.**
- The exam is out of a **total of 60 marks**. Marks are indicated by each question.