



MIE100S: Dynamics – April 22, 2019

Final Examination: 9:30 a.m. – noon (150 minutes)

Do
Not
copy

You must *neatly & clearly* show *all* rough work to earn credit for each answer.

This answer booklet contains 16 pages, including this cover page, printed two-sided.

ROSI/ACORN email: _____@mail.utoronto.ca

First name (please write as legibly as possible within the boxes)

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Last name

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UofT student number

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- You must answer each question on the ***correct page*** of the CrowdMark booklet.
- If you run out of room answering any of these questions, then ***clearly indicate*** that your solution is continued on page 15 or 16. Do not remove any pages from this booklet.
- Avoid folding or tearing any of the sheets to the extent possible.
- Place your student UofT ID at the front, right-hand corner of your desk.

Type “D” Examination: Permitted Aids:

- Non-communicating/non-programmable calculator: Casio FX-991EX or Casio FX-991ES PLUS or Casio FX-991MS or Sharp EL-520X or Sharp EL-520W
- One 8 ½” x 11” aid sheet, any colour, brought to the test by the student. You may write on both sides of the sheet
- ruler



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Question 1(a): (If you run out of room, then continue on page 15 or 16)

Handwritten scribbles and marks, possibly including the word "hold" and some illegible characters.



Question 1(b): (If you run out of room, then continue on page 15 or 16)



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Question 1(c): (If you run out of room, then continue on page 15 or 16)



Question 2(a): (If you run out of room, then continue on page 15 or 16)



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Question 2(b): (If you run out of room, then continue on page 15 or 16)



Question 3(a): (If you run out of room, then continue on page 15 or 16)



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Question 3(b): (If you run out of room, then continue on page 15 or 16)



Question 3(c): (If you run out of room, then continue on page 15 or 16)



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Question 4(a): (If you run out of room, then continue on page 15 or 16)



Question 4(b): (If you run out of room, then continue on page 15 or 16)



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Question 5: (If you run out of room, then continue on page 15 or 16)



Question 6(a): (If you run out of room, then continue on page 15 or 16)



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Question 6(b): (If you run out of room, then continue on page 15 or 16)



Spare page, in case you ran out of room on one of the questions



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Spare page, in case you ran out of room on one of the questions