

Be sure this exam has 1 page.

**THE UNIVERSITY OF BRITISH COLUMBIA**

**Mock Final - April 10, 2020**

MATH 340: Linear Programming

Instructor: Dr. Richard Anstee, Section 201, Dr. Hugo Lavenant, Section 202

Special Instructions: No calculators. You must show your work and **explain** your answers. Answers are to be uploaded to Crowdmark, each question separately. Quote names of our main LP theorems used, as appropriate.

Time: 1 hour    Total marks: 100

1. [0 mark]

Please download and sign (either electronically or a scan) the integrity pledge that can be found at:

- <https://www.math.ubc.ca/~anstee/math340/integritypledge.pdf>
- <https://hugolav.github.io/teaching/integritypledge.pdf>

2. [50 marks]

Some question. Maybe Two Phase method, maybe not.

3. [50 marks]

Another question.