INSTRUCTIONS TO STUDENTS

• THE SOLUTIONS ARE TO BE UPLOADED TO CROWDMARK. You should have received an invitation from Crowdmark to submit your solutions.

• The examination is 3 hours in length, plus 30 minutes to upload your solutions to Crowdmark.

• Write your solutions using your own paper. A tablet such as an ipad is not allowed. Use a dark lead pencil or pen to write your solutions. Solutions which cannot be read because they are too faint will not be marked.

• Start each solution on a new page. Write your student number at the start of each solution and number each solution.

• There are 6 questions, each worth 10 marks, for a total of 60 marks.

• The exam is closed book. The following aides are allowed: Casio FX-991 calculator and a single 8.5 by 11 inch sheet of notes, written on both sides.

• A formula sheet for the Gamma and Beta distributions and a table of the standard normal df are provided on the last two pages.

• Proctors are unable to respond to queries about the interpretation of exam questions. Do your best to answer exam questions as written.

• This material is copyrighted and is for the sole use of students registered in MTHE/STAT 353 and writing this examination. This material shall not be distributed or disseminated. Failure to abide by these conditions is a breach of copyright and may also constitute a breach of academic integrity under the University Senates Academic Integrity Policy Statement.

• The candidate is urged to submit with the answer paper a clear statement of any assumptions made if doubt exists as to the interpretation of any question that requires a written answer.

• SHOW YOUR WORK CLEARLY. Correct answers without clear work showing how you got there will not receive full marks. Marks per part question are shown in brackets at the right margin.