This final examination consists of 8 questions on 18 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.

Remember that, in order to pass the course, you must achieve a grade of at least 40% on this final examination.

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.

You may reference and use external facts only from course notes, problem set solutions, lecture examples, and worksheet solutions.

STUDENTS MUST HAND IN ALL EXAMINATION MATERIALS AT THE END