

**STOR 151, SECTION 1: SPRING 2024**  
**Final Exam, May 3, 2024**

**YOUR NAME (PRINT).....**

**PID.....**

Please sign the **pledge**: “On my honor, I have neither given nor received unauthorized aid on this examination.”

**Sign.....**

This is an open book exam. Course text, personal notes and calculator are permitted. You have 3 hours to complete the exam. Answers should be written on the exam. Personal computers and cellphones are not to be used in answering the questions but you may use a personal device for accessing course notes or for the calculator feature. If you have any queries about the meaning of a question, ask the instructor for advice.

**SHOW ALL WORKING** — the space allowed for each question should be sufficient for this. Even correct answers will not get full credit if it’s not clear how they were obtained. Incorrect answers will gain substantial credit if the method of working is substantially correct.

Answer six of the eight questions. If you attempt more than six, all the answers will be graded but only the best six (complete questions) will count. Each question is worth a total of 20 points and the whole exam is worth 120 points (which will be rescaled to a maximum of 40 for grading purposes). Points for each individual part of a question are also given in square brackets.

Questions may be answered in any order. The order of questions on the exam has itself been randomized.