
MATH 562 Statistical Inference: Final Exam20 January 2026

Duration: The exam starts at 09:15 and ends at 12:15.

Sciper :

Question	1	2	3	4	5	Total
Points						

Instructions

1. You must hand in the exam as well as *all* your rough work before exiting the exam room.
2. Calculators, mobile phones or any other electronic devices are not allowed.
3. Always justify your calculations. If these miss important details, or if your notation is inconsistent, you risk being penalised.
4. Your solutions must be written in English.
5. You can use theorems/propositions/lemmas/corollaries from the course, provided these are clearly stated and their conditions are verified, unless otherwise required by the question.
6. Page 2 contains a list of definitions, theorems or results from the course that *may or may not* be useful for solving some of the exam questions. You may use other results from the course not listed on Page 2 by appropriately referencing and verifying relevant assumptions.
7. Answer questions 1-5 in their entirety to obtain full marks. All of their subquestions carry equal weight.

Good luck!
