

Math 148 - Elementary Bio Stats

Spring 2022 Final Exam Version A

NAME: _____ Section: _____
SIGNATURE: _____

This Exam is worth a total of 300 points.

Instructions

- This final has a label with your name. If this is not your final then **you must find your seat or 50 point will be taken off your grade.** See your TA if you cannot find your seat!
- Turn off all electronic devices including, but not limited to, cell phones, tablet, laptops, ...
- The only exception to the above rule is that you may use a scientific or basic calculator. No cell phone calculators, graphing calculators, programmable calculators!
- Enter your name and section number NOW: **You will lose 10 points if you do not provide your correct section!**
- **Different from the midterms:** IT IS OK to use a pencil to write the exam.
- In order to get full credit, you must show all your work, clearly and in order. Points will be taken off if we cannot see how you arrived at your answer (even if your final answer is correct).
- We use "SD" as abbreviation for "standard deviation" and in formulas you may see either of "SD" or "s" (e.g., either of SD_x or s_x denotes the SD of the x -variable). If the symbol " r " is used without further explanation then it denotes the correlation coefficient.
- This exam has 13 problems on pages 2–11 and is worth 300 points. It is your responsibility to verify that you have all of the pages, including pages 12–15 which contain tables for the z , t and χ^2 distributions. **Do not remove the staple! You will lose 10 points if you do!**
- Do NOT return your index card with your exam.
- Good Luck!

DO NOT TURN THIS PAGE UNTIL TOLD TO DO SO.