

# Math 147 - Elementary Statistics

## Spring 2017 Exam 01 Version A

NAME: \_\_\_\_\_

Section: \_\_\_\_\_

This Exam is worth a total of 150 points.

### Instructions

- 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 basic calculator.
- This exam has a **label with your name**. If this is not your exam then **you must find your seat or 20 point will be taken off your grade**. See your TA if you cannot find your seat!
- You are **not allowed** to use a pencil to write the exam. You will **lose 10 points** if you use a pencil!
- 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).
- If we have a list of  $w$ -values  $\vec{w} = w_1, w_2, \dots, w_n$  then you may see “SD” or “SD <sub>$w$</sub> ” for the standard deviation of that list and “ $\bar{w}$ ” for the mean (average) of that list. If the symbol “ $r$ ” is used without further explanation then it denotes the correlation coefficient.
- Multiple choice question may have zero, one, or more than one correct statement! You can write **T** for **True** and **F** for **False** but be sure to write clearly!
- This test has 9 problems on pages 2–6 and is worth 150 points. It is your responsibility to make sure that you have all of the pages! **Do not remove the staple! You will lose 3 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.**