

Quiz (20% of grade; 40 points) – you will have about 60 minutes to complete this quiz.

- A. **Calculations (28 points).** Use **pencil only** and do all of the questions below. Use the exam paper as your answer sheet and show all appropriate work. Use the following data set for all of the calculations, and circle your answers for the calculations unless instructed otherwise.

A group of researchers examined a sample of 15 documents of various types to determine the number of software applications used in the composition of those documents. Their observations were:

1, 3, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 1, 1, 3.

1. What was the unit of analysis in this study? (2 points)
2. What was the variable of interest? (2 points)
3. Generate the frequency distribution for this data set using class examples as models; do not circle the frequency distribution. (5 points)
4. Calculate:
the mean (2 points)

the median (2 points)

