

## Quiz 1A

Name: **Answer Key**

UAlbany Email:

Closed book/notes. No calculators allowed. Circle **one** choice for each multiple choice question below. No explanation is required to be shown and no partial credit will be given.

1. (2.5 Points) You collected data in a study. The data you collected is the number of classes you are taking this quarter. What is this type of data?
  - (A) Categorical (qualitative) data
  - (B) Numerical (quantitative) discrete data**
  - (C) Numerical (quantitative) continuous data
2. (2.5 Points) 83 randomly selected fifty-year-old Americans were asked how much money they had saved for their retirement. The average for these respondents was \$26,000, the minimum was \$0 and the maximum was \$1,040,000.

The above is an example of

- (A) Descriptive Statistics**
  - (B) Inferential Statistics
  - (C) None of the above.
3. The following questions below refer to the following scenario: Your instructor asks 175 Town of Colonie government employees about the amount of gas they use to commute to work each week. From the responses, it is found that they average 5.243 gallons per week.
  - (a) (2.5 Points) Which of the following is the sample?
    - (A) All Town of Colonie government employees.
    - (B) The 175 Town of Colonie government employees.**
    - (C) The gallons of gas used to commute to work.
    - (D) The cars used to commute to work.
    - (E) None of the above.
  - (b) (2.5 Points) Which of the following is the population of interest?
    - (A) All Town of Colonie government employees.**
    - (B) The 175 Town of Colonie government employees.
    - (C) The gallons of gas used to commute to work.
    - (D) The cars used to commute to work.
    - (E) None of the above.

Grade: /10