Quiz 2A

Name:
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. (1 pt.) Mr. Lange is interested in studying the frequency of spam emails he receives. Which of the following is a valid way to sample his emails?

    (a) He chooses the most recent 128 emails from his inbox.

    (b) He selects every email from his inbox.

    (c) He selects a simple random sample of size 200 emails from his inbox.

    (d) All of the above are valid sampling procedures.

2. (1 pt.) Which of the following is an example of sampling bias?

    (a) An opinion poll, conducted by phone, fails to call anyone younger than 28.

    (b) Dr. Medina's car tells him that his commute to campus was 45 miles long when it was 44.8 miles long.

    (c) 25% of individuals selected for participation in a survey fail to respond.

    (d) All of the above are examples of sampling bias.

3. (8 pts.) Construct a stem-and-leaf plot for the data below.

    75   78   82   74   72   80   68   76

Grade: /10