Quiz Chapter 2

Your answers: shade in the cell that best completes the statement or answers the question

	1	2	3	4	5
a					
b					
c					
d					
e					

Quiz Chapter 2

1. If a sampling method has too much bias, then
   a. we need to improve the sampling method to decrease the bias.
   b. we need to increase the sample size to decrease the bias.
   c. we should sample from a larger population to decrease the bias.
   d. None of the above will help decrease the bias of a sampling method.

2. The president of a university sends surveys to and receives answers from all 21 board members to better understand their positions about upcoming budget issues. These 21 board members are

   a. a census.

   b. the population.

   c. an SRS of the board.

   d. a voluntary response sample.

3. A(n) _____ is the subset of units that the experimenter actually measures.

a. individual

b. population

c. sample

d. survey

Quiz Chapter 2

You want to take an SRS of 50 of the 816 students who live in a college dormitory. You label the students 001 to 816 in alphabetical order. In the table of random digits, you read the entries

96746 12149 37823 71868 18442 35119 62103 39244

4. Which of the following statements about the table of random digits is true?
   a. Every row must have exactly the same number of 0s and 1s.
   b. In the entire table, there are exactly the same number of 0s and 1s.
   c. If you look at 100 consecutive pairs of digits anywhere in the table, exactly one pair is 00.
   d. All of these are true.
   e. None of these are true.

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5. The first three students in your sample have labels

   a. 967, 461, 214.

   b. 967, 121, 378.

   c. 461, 214, 937.

   d. 461, 214, 718.

   e. 674, 612, 149.

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Answer Key

1. a

2. a

3. c

4. e

5. d