

B

Quiz

Illowsky – Chapt. 1

MULTIPLE CHOICE. CH

Larson – Chapt. 1

...nt or answers the question.

Solve the problem.

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- 1) The average age of the students in a statistics class is 22 years. Does this statement describe: 1) A
 A) descriptive statistics? B) inferential statistics?

- 2) The chances of winning the California Lottery are one chance in twenty-two million. Does this statement describe: 2) A
 A) descriptive statistics? B) inferential statistics?

- 3) There is a relationship between smoking cigarettes and getting emphysema. Does this statement describe: 3) A
 A) inferential statistics? B) descriptive statistics?

- 4) From past figures, it is predicted that 39% of the registered voters in California will vote in the June primary. Does this statement describe: 4) B
 A) descriptive statistics? B) inferential statistics?

- 5) Identify the level of measurement for data that are the ratings of a movie ranging from poor to good to excellent. 5) A
 A) ordinal B) nominal C) ratio D) interval

- 6) Identify the level of measurement for data that are the numbers on the shirts of a girl's soccer team. 6) C
 A) interval B) ratio C) nominal D) ordinal

- 7) A market researcher randomly selects 200 drivers under 35 years of age and 100 drivers over 35 years of age. What sampling technique was used? 7) B
 A) random
 B) stratified
 C) cluster
 D) convenience
 E) systematic

- 8) A lobbyist for a major aerospace firm assigns a number to each legislator and then uses a computer to randomly generate ten numbers. The lobbyist contacts the legislators corresponding to these numbers. What sampling technique was used? 8) B
 A) cluster
 B) random
 C) convenience
 D) systematic
 E) stratified

- 9) A researcher randomly selects and interviews fifty male and fifty female teachers. What sampling technique is used? 9) B
- A) random
 - B) stratified
 - C) convenience
 - D) cluster
 - E) systematic
- 10) Identify the level of measurement for data that are the number of milligrams of tar in 28 cigarettes. 10) A
- A) ratio
 - B) interval
 - C) ordinal
 - D) nominal
- 11) At a local community college, five statistics classes are randomly selected and all of the students from each class are interviewed. What sampling technique is used? 11) E
- A) stratified
 - B) convenience
 - C) systematic
 - D) random
 - E) cluster
- 12) A researcher for a publisher randomly selects 85 of the nation's middle schools and interviews all of the teachers at each school. What sampling technique was used? 12) E
- A) stratified
 - B) random
 - C) systematic
 - D) convenience
 - E) cluster
- 13) Every fifth teenager entering a concert is checked for possession of drugs. What sampling technique is used? 13) E
- A) convenience
 - B) stratified
 - C) random
 - D) cluster
 - E) systematic
- 14) Identify the level of measurement for data that are a list of 1247 social security numbers. 14) C
- A) ordinal
 - B) interval
 - C) nominal
 - D) ratio

- 15) To avoid working late, the quality control manager inspects the last 10 items produced that day. What sampling technique was used? 15) B
- A) stratified
 - B) convenience
 - C) random
 - D) cluster
 - E) systematic
- 16) Identify the level of measurement for data that are a list of zip codes. 16) B
- A) ratio
 - B) nominal
 - C) ordinal
 - D) interval
- 17) Classify the colors of automobiles on a used car lot as qualitative data or quantitative data. 17) B
- A) quantitative data
 - B) qualitative data
- 18) The names of 70 contestants are written on 70 cards. The cards are placed in a bag, and three names are picked from the bag. What sampling technique was used? 18) C
- A) cluster
 - B) systematic
 - C) random
 - D) convenience
 - E) stratified
- 19) Identify the level of measurement for data that are the temperature of 22 refrigerators. 19) A
- A) interval
 - B) ordinal
 - C) ratio
 - D) nominal
- 20) Identify the level of measurement for data that are the number of pages in your statistics book. 20) A
- A) nominal
 - B) ordinal
 - C) ratio
 - D) interval