

## Statistics(Assignment\_2)

Q1 to Q15 has only one correct answer. Choose the correct option to answer your question:

1 What represents a population parameter?

- A) SD
- B) mean
- C) both
- D) none

Answer: B) mean

2 What will be the median of the following set of scores (18,6,12,10,15)?

- A) 14
- B) 18
- C) 12
- D) 10

Answer: C) 12

3 What is standard deviation?

- A) An approximate indicator of how numbers vary from the mean
- B) A measure of variability
- C) The square root of the variance
- D) All of the above

Answer: D) All of the above

4 The intervals should be \_\_\_\_\_ in a grouped frequency distribution.

- A) Exhaustive
- B) Mutually exclusive
- C) Both of these
- D) None

Answer: C) Both of these

5 What is the goal of descriptive statistics?

- A) Monitoring and manipulating a specific data
- B) Summarizing and explaining a specific set of data
- C) Analyzing and interpreting a set of data
- D) All of these

Answer: B) Summarizing and explaining a specific set of data

6 A set of data organized in a participant by variables format is called

- A) Data junk
- B) Data set
- C) Data view
- D) Data dodging

Answer: B) Data set

7 In multiple regression, \_\_\_\_\_ independent variables are used.

- A) 2 or more
- B) 2
- C) 1
- D) 1 or more

Answer: A) 2 or more

8 Which of the following is used when you want to visually examine the relationship between 2

quantitative variables?

- A) Line graph
- B) Scatterplot
- C) Bar graph
- D) Pie graph

Answer: B) Scatterplot

9 Two or more groups' means are compared by using

- A) analysis
- B) Data analysis
- C) Varied Variance analysis
- D) Analysis of variance

Answer: D) Analysis of variance

10 \_\_\_\_\_ is a raw score which has been transformed into standard deviation units?

- A) Z-score
- B) t-score
- C) e-score
- D) SDU score

Answer: A) Z-score

11 \_\_\_\_\_ is the value calculated when you want the arithmetic average?

- A) Median
- B) Mode
- C) Mean
- D) All

Answer: C) Mean

12 Find the mean of these set of numbers (4,6,7,9,2000000).

- A) 4
- B) 7
- C) 7.5
- D) 400005.2

Answer: D) 400005.2

13 \_\_\_\_\_ is a measure of central tendency that takes into account the magnitude of scores?

- A) Range
- B) Mode
- C) Median
- D) Mean

Answer: D) Mean

14 \_\_\_\_\_ focuses on describing or explaining data whereas \_\_\_\_\_ involves going beyond immediate data and making inferences.

- A) Descriptive and inferences
- B) Mutually exclusive and mutually exhaustive properties
- C) Positive skew and negative skew
- D) Central tendency

Answer: A) Descriptive and inferences

15 what is the formula for range?

- A)  $H+L$
- B)  $L-H$
- C)  $LXH$
- D)  $H-L$

Answer: D) H-L