

STATISTICS**Submitted by: Ankush Chaudhari**

Q1 to Q15 have 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

ANS: C) both

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

ANS: C) 12

3. What is the 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

ANS: 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

ANS: C) Both of these

5. What is the goal of descriptive statistics?

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

ANS: 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

ANS: B) Data set

7. In multiple regression, _____ independent variables are used

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

ANS: 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

ANS: 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

ANS: D) Analysis of variance

10. _____ is a raw score that has been transformed into standard deviation units?
- A) Z-score
 - B) t-score
 - C) e-score
 - D) SDU score

ANS: A) Z-score

11. _____ is the value calculated when you want the arithmetic average?
- A) Median
 - B) mode
 - C) mean
 - D) All

ANS: C) mean

12. Find the mean of this set of numbers (4,6,7,9,2000000)?
- A) 4
 - B) 7
 - C) 7.5
 - D) 400005.2

ANS: 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

ANS: 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

ANS: A) Descriptive and inferences

15. What is the formula for range?
- A) $H+L$
 - B) $L-H$
 - C) LXH
 - D) $H-L$

ANS: D) H-L