

STATISTICS WORKSHEET-2

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

1. What represent a population parameter?

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

ANS: C) both

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

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

ANS: C) 12

3. What is standard deviation?

- A) An approximate indicator of how number 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 a 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 which 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 these set of number (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) $H-L$**