

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- 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- 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- 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- 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- 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- Dataset

7. In multiple regression, _____ independent variables are used

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

ANS- 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- 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- 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- Z-Score

11. _____ is the value calculated when you want the arithmetic average?

- A) Median
- B) mode
- C) mean
- D) All

ANS- 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- 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- 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- Descriptive and inferences

15. What is the formula for range?

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

ANS- $H-L$