

WORKSHEET

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:- B) mean

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:- D) All of these

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