

STATISTICS

1. What represent a population parameter?

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

Answer- 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

Answer – 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

Answer – C) The square root of the variance

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) Analysing 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 – D) 1 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 WORKSHEET

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 number (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) $H-L$