

STATISTICS WORKSHEET-2

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= 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

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= B) 7

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) $H-L$