

STATISTICS WORKSHEET-2

1. What represents a population parameter?

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

Ans: C) both

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

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

Ans: B) 18

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: B) A measure of variability

4. The intervals should be _____ in a grouped frequency distribution

- A) Exhaustive
- B) Mutually exclusive
- C) Both of these
- D) None

Ans: D) All of the above

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 sets of numbers (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: C) Median

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) $H-L$