

# STATISTICS WORKSHEET-2

1. What represent a population parameter?

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

**ANS- C) 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- 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- 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- 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)  $H-L$**