

## 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

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

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

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**

4. The intervals should be \_\_\_\_\_ in a grouped frequency distribution

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

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

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

7. In multiple regression, \_\_\_\_\_ independent variables are used

**A) 2 or more**

B) 2

C) 1

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

9. Two or more groups means are compared by using

A) analysis

B) Data analysis

C) Varied Variance analysis

**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

11. \_\_\_\_\_ is the value calculated when you want the arithmetic average?

A) Median

B) mode

**C) mean**

D) All

12. Find the mean of these set of number (4,6,7,9,2000000)?

A) 4

B) 7

C) 7.5

**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**

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

15. What is the formula for range?

A)  $H+L$

B)  $L-H$

C)  $LXH$

**D)  $H-L$**