

## 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 ✓