

## 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

Ans) C

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

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

Ans) 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

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

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

Ans) C

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

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

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

- A) 2 or more                      B) 2
- C) 1                                  D) 1 or more

Ans) A

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

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

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

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

- A) Median                              B) mode
- C) mean                                D) All

Ans) C

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

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

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

15. What is the formula for range?

A)  $H+L$

B)  $L-H$

C)  $LXH$

D)  $H-L$

Ans) D