# 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
   **Answer :- 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
   **Answer :- 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
   **Answer :- 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
   **Answer :- 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
   **Answer :- 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
   **Answer :- B) Data set**

7. In multiple regression, _____ independent variables are used
   A) 2 or more
   B) 2
   C) 1
   D) 1 or more
   **Answer :- 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
   **Answer :- A) Line graph**

9. Two or more groups means are compared by using
   A) analysis
   B) Data analysis
   C) Varied Variance analysis
   D) Analysis of variance
   **Answer : - 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
    **Answer :- A) Z-score**

11. is the value calculated when you want the arithmetic average?
    A) Median
    B) mode
    C) mean
    **D)** All
    **Answer :- 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
    **Answer :- D) 400005.2**

13. _____is a measure of central tendency that takes into account the magnitude of scores?
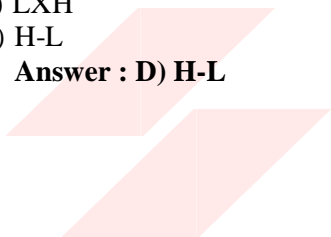    A) Range
    B) Mode
    C) Median
    D) Mean
    **Answer :- D) Mean**

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
    **Answer :- A) Descriptive and inferences**

15. What is the formula for range?
    A) H+L
    B) L-H
    C) LXH
    D) H-L
    **Answer : D) H-L**