

## **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)  **$H-L$**

