

## **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) both

2. What will be median of following set of scores (18, 6, 12 ,10, 15)?  
A) 14  
B) 18  
C) 12  
D) 10

ANS: 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

ANS: 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

ANS: 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

ANS: 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

ANS: B) Data set

7. In multiple regression, \_\_\_\_\_ independent variables are used
- A) 2 or more
  - B) 2
  - C) 1
  - D) 1 or more

ANS: 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

ANS: B) Scatterplot

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) 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

ANS: A) Z-score

11. \_\_\_\_\_ is the value calculated when you want the arithmetic average?
- A) Median
  - B) mode
  - C) mean
  - D) All

ANS: 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

ANS: 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

ANS: 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

ANS: A) Descriptive and inferences

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

ANS: D)  $H-L$