

**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)

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)

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:- (D)

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

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

Answer:- (B)

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:- (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

Answer:- (B)

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

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

Answer:- (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

Answer:- (B)

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)

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)

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

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)

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)

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