

## STATISTICS – WORKSHEET

**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, dependent 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. Is 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)  **$H-L$**
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