

**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 –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

**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 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 – 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

**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 – Descriptive and interferences**

15. What is the formula for range?

- A)  $H+L$
- B)  $L-H$
- C)  $LXH$
- D)  $H-L$

**Answer – D) H-L**



**FLIP ROBO**