

## **STATISTICS WORKSHEET-2**

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 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

**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 : A) Descriptive and inferences**

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

**Answer : D) H-L**

