

## Statistics Worksheet-2

1. What represent a population parameter? A) SD B) mean C) both D) none

**Ans: 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: 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: 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. 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. 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. Data set**

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

**Ans. 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. Scatter plot**

9. Two or more groups means are compared by using A) analysis B) Data analysis C) Varied Variance analysis D) Analysis of variance

**Ans. 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 WORKSHEET

**Ans. Z-score**

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

**Ans. 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. 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. 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. Descriptive and inferences**

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

**Ans.  $H-L$**