

## Statistics Worksheet 2

1) What represent a population parameter?

Ans : mean

2) What will be median of following set of scores (18,6,12,10,15)?

Ans : 12

3) What is standard deviation?

Ans : An approximate indicator of how number vary from the mean , A measure of variability and The square root of the variance

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

Ans : Exhaustive and Mutually exclusive

5) What is the goal of descriptive statistics?

Ans : Summarizing and explaining a specific set of data and Analyzing and interpreting a set of data

6) A set of data organized in a participant by variables format is called

Ans : Data set

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

Ans : 2 or more

8) Which of the following is used when you want to visually examine the relationship between 2 quantitative variables?

Ans : line graph

9) Two or more groups means are compared by using

Ans : Analysis of variance

10) \_\_\_\_\_ is a raw score which has been transformed into standard deviation units?

Ans : z score

11) \_\_\_\_\_ is the value calculated when you want the arithmetic average?

Ans : mean

12) Find the mean of these set of number (4,6,7,9,2000000)?

Ans : 400005.2

13) \_\_\_\_\_ is a measure of central tendency that takes into account the magnitude of scores?

Ans : mean

14) \_ focuses on describing or explaining data whereas \_\_\_\_\_ involves going beyond immediate data and making inferences

Ans : Descriptive and inferences

15) What is the formula for range?

Ans :  $H - L$