# WORKSHEET

**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

**Ans: C) both**

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

A) 14

B) 18

C) 12

D) 10

**Ans: C) 12**

1. 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: D) All of the above**

1. The intervals should be \_\_\_\_\_\_ in a grouped frequency distribution

A) Exhaustive

B) Mutually exclusive

C) Both of these

D) None

**Ans: C) Both of these**

1. 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: 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

**Ans: C) Data set**

7.In multiple regression, \_\_\_\_\_2 or more \_\_ independent variables are used

A) 2 or more

B) 2

C) 1

D) 1 or more

**Ans: 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

**Ans: 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

**Ans: D) Analysis of variance**

10. \_\_\_ Z-score \_\_\_\_is a raw score which has been transformed into standard deviation units?

A) Z-score

B) t-score

C) e-score

D) SDU score

**Ans: A) Z-score**

11.\_\_ Mean \_\_\_\_\_is the value calculated when you want the arithmetic average?

A) Median

B) mode

C) mean

D) All

**Ans: 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

**Ans: D) 400005.2**

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

A) Range

B) Mode

C) Median

D) Mean

**Ans: D) Mean**

14.\_\_\_\_ Descriptive \_\_ focuses on describing or explaining data whereas \_\_ inferences \_\_\_\_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: A) Descriptive and inferences**

15. What is the formula for range?

A) H+L

B) L-H

C) LXH

D) H-L

**Ans: D) H-L**