

## Statistics Worksheet

**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) Analysing and interpreting a set of data
- D) All of these**

**Answer: D) All of these**

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)  $LXH$
- D)  $H-L$**

**Answer: D) H-L**