

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

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

- A) 14
- B) 18
- C) 12**
- D) 10

3. What is standard deviation?

- A) An approximate indicator of how numbers vary from the mean
- B) A measure of variability
- C) The square root of the variance
- 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

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

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

7. In multiple regression, _____ independent variables are used

- A) 2 or more
- B) 2
- C) 1
- D) 1 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

9. Two or more groups means are compared by using

- A) analysis
- B) Data analysis
- C) Varied Variance analysis
- 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

11. _____ is the value calculated when you want the arithmetic average?

- A) Median
- B) mode
- C) mean**
- D) All

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

- A) 4
- B) 7
- C) 7.5
- 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**

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

15. What is the formula for range?

- A) $H+L$
- B) $L-H$
- C) LXH
- D) $H-L$**