

## 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

2. 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

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- 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
- ANS- 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) 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- B) Data set

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

- A) 2 or more
  - B) 2
  - C) 1
  - D) 1 or more
- ANS- 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
- 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. \_\_\_\_\_ 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

## WORKSHEET

11. \_\_\_\_\_ 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. \_\_\_\_\_ 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. \_\_\_\_\_ 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- A) Descriptive and inferences

15. What is the formula for range?

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

