

STATISTICS WORKSHEET-2

Q1 to Q15 has only one correct answer. Choose the correct option to answer your question.

1 What represents a population parameter?

- A) SD
- B) mean
- C) both
- D) none

Answer: B) mean

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) Analyzing 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: 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) SU 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 sets of number (4,6,7,9,2000000)?

- E) 4
- F) 7
- G) 7.5
- H) 400005.2

Answer: 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