

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

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) Analyzing and interpreting a set of data
D) All of these

Answer:- 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

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) $H-L$