

ASSIGNMENT

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:- 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:- 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:- The square root of the variance

4. The intervals should be _____ in a grouped frequency distribution
A) Exhaustive
B) Mutually exclusive
C) Both of these
D) None

Ans:- 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:- Summarizing and manipulating a specific 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:- Data set

7. In multiple regression, _____ independent variables are used
A) 2 or more
B) 2

- C) 1
- D) 1 or more

Ans:- 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

Ans:- 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:- 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:- Z-score

11. is the value calculated when you want the arithmetic average?
- A) Median
 - B) mode
 - C) mean
 - D) All

Ans:- 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:- 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:- 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:- Descriptive and inferences

15. What is the formula for range?

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

Ans:- $H-L$