

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

Answers: 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

Answers: 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

Answers: 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

Answers: C)

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

Answers: C) 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

Answers: C) Data set

7. In multiple regression, _____ independent variables are used
- A) 2 or more
 - B) 2
 - C) 1
 - D) 1 or more

Answers: 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

Answers: 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

Answers: 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

Answers: A) Z-score

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

Answers: 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

Answers: 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

Answers: C) Median

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

Answers: A) Descriptive and inferences

15. What is the formula for range?
- A) $H+L$
 - B) $L-H$
 - C) LXH
 - D) $H-L$

Answers: D) $H-L$ (Highest - Lowest)

 **FLIP ROBO**

