

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) SD and Mean

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. 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

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. 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

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

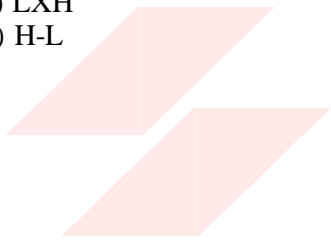
B) t-score

C) e-score

D) SDU score

Ans. A) Z-score

11. _____ is the value calculated when you want the arithmetic average?
 - A) Median
 - B) mode
 - C) mean
 - D) All
12. Find the mean of these set of number (4,6,7,9,2000000)?
 - A) 4
 - B) 7
 - C) 7.5
 - 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
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
15. What is the formula for range?
 - A) $H+L$
 - B) $L-H$
 - C) LXH
 - D) $H-L$

**FLIP ROBO**