

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

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

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

4. The intervals should be _____ in a grouped frequency distribution

A) Exhaustive

B) Mutually exclusive

C) Both of these

D) None

ANS: 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

ANS: B

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

7. In multiple regression, _____ independent variables are used

A) 2 or more

B) 2

C) 1

D) 1 or more

ANS: A

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

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

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

11. _____ is the value calculated when you want the arithmetic average?

A) Median

B) Mode

C) Mean

D) All

ANS: C

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: B

13. _____ is a measure of central tendency that takes into account the magnitude of scores?

- A) Range
- B) Mode
- C) Median

D) Mean

ANS: D

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: A

15. What is the formula for range?

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

D) $H-L$

ANS: D