

## Statistic 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:C

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:D

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, \_\_\_\_\_ dependent variables are used

A) 2 or more

B) 2

C) 1

D) 1 or more 8.

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:A

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:D

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