

WORKSHEET

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

Answer:(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

Answer: 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

Answer: 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

Answer: 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

Answer: 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

Answer: B) Data set

7. In multiple regression, _____ independent variables are used

A) 2 or more

B) 2

C) 1

D) 1 or more

Answer: 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

Answer: 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

Answer: 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

Answer: A) Z-score

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

A) Median

B) mode

C) mean

D) All

Answer: 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

Answer: 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

Answer: 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

Answer: A) Descriptive and inferences

15. What is the formula for range?

A) $H+L$

B) $L-H$

C) LXH

D) $H-L$

Answer: D) $H-L$