

STATISTICS WORKSHEET-2

1. What represent a population parameter?

- A) SD**
- B) mean**
- C) both**
- D) none**

Answer : 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: 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: 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: 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: Summarizing and explaining a specific set of data

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: Data set

7. In multiple regression,_____ independent variables are used

- A) 2 or more**
- B) 2**
- C) 1**
- D) 1 or more**

Answer: 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: 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: 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: Z-score

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

- A) Median
- B) mode
- C) mean
- D) All

Answer: 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: 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: 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**

Answer: Descriptive and inferences

15. What is the formula for range?

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

Answer: $H-L$