

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
2. What will be median of following set of scores (18,6,12,10,15)?
A) 14
B) 18
C) **12**
D) 10
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**
4. The intervals should be _____ in a grouped frequency distribution
A) Exhaustive
B) Mutually exclusive
C) **Both of these**
D) None
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**
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
7. In multiple regression, _____ independent variables are used
A) **2 or more**
B) 2
C) 1
D) 1 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
9. Two or more groups means are compared by using
A) analysis
B) Data analysis
C) Varied Variance analysis
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

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) **$H-L$**