

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, _____ dependent 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) $H-L$ ✓