

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) $H-L$

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SOLUTION

1. C) both is the correct answer
2. C) 12 is the correct answer
3. D) All of the above is the right answer
4. C) Both of these is the correct answer
5. B) Summarizing and explaining a specific set of data is the right answer
6. B) Data set is the correct answer
7. A) 2 or more is the right answer
8. B) Scatterplot is the right answer
9. D) Analysis of variance (ANOVA) is the correct answer
10. A) Z-score is the right answer
11. C) mean is the correct answer
12. D) 400005.2 is the right answer
13. D) Mean is the correct answer
14. A) Descriptive and inferences is the right answer
15. D) H-L is the correct answer