

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
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- 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) Analysing and interpreting a set of data
 - d) All of these
6. A set of data organized in a participants by variables format is called
- a) Data junk
 - b) Data set
 - c) Data view
 - d) Data dedging
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 quatitive variables?
- a) Line graph
 - b) Scatterplot
 - c) Bar graph
 - d) Pie graph
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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 this set of numbers (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
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- 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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