WORKSHEET 2 statistics

Q1 to Q15 have only one correct answer. Choose the correct option to answer your question.

1. What represents a population parameter? A) SD B) mean C) both D) none

Answer: C) Both , mean and standard deviation

2. What will be median of following set of scores (18,6,12,10,15)? A) 14 B) 18 C) 12 D) 10

Answer: C) 12 , [6,10,12,15,18] 12 is at center

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: 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 Answer: C) 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: B) 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: B) Data set

7. In multiple regression,_____ independent variables are used A) 2 or more B) 2 C) 1 D) 1 or more
Answer: A) 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: B) 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: D) ANOVA – 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: A) Z-score Z-score is actually how SD away a point is

11. _____is the value calculated when you want the arithmetic average? A) Median B) mode C) mean D) All Answer: C) Mean mean is also called average

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: D) 400005.2 (4+6+7+9+2000000) / 5

13. _____ is a measure of central tendency that takes into account the magnitude of scores? A) Range B) Mode C) Median D) Mean

Answer: 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

Answer: A) Descriptive and inferences

15. What is the formula for range?
A) H+L B) L-H C) LXH D) H-L Answer: D) H-L Highest - lower