ANSWERS OF STATISTICS WORKSHEET-2

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

A) SD

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

C) 12

=6,10,12,15,18

The middle one is mode after making data in ascending order

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

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

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

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

B) Data set

7. In multiple regression,_____ independent variables are used
A) 2 or more
B) 2
C) 1
D) 1 or more

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

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

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

A) Z-score

11. _____is the value calculated when you want the arithmetic average?
A) Median
B) mode
C) mean
D) All

C) mean

12. Find the mean of these set of number (4,6,7,9,2000000)?
A) 4
B) 7
C) 7.5
D) 400005.2

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

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

A) Descriptive and inferences

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

D) H-L