STATISTICS WORKSHEET-2

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

Ans. **C) both**

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

Ans. **C) 12**

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

Ans. **C) The square root of the variance**

4. The intervals should be _____ in a grouped frequency distribution
   A) Exhaustive B) Mutually exclusive C) Both of these D) None

Ans. **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

Ans. **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

Ans. **B) Data set**

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

Ans. **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

Ans. **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

Ans. **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

Ans. **A) Z-score**

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

Ans. **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

Ans. **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

Ans. **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

Ans. **A) Descriptive and inferences**

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

Ans. **D) H-L**