

## **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

**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. 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

**Ans. B) Mutually exclusive**

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. B) 2**

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. B) 7**

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

**Ans. C) Median**

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)  $H-L$**

---