

Worksheet 2

STATISTICS

Q1. What represent a population parameter?

A) SD B) mean C) both D) none

Correct Answer: C) SD & Mean

Q2. What will be median of following set of scores (18,6,12,10,15)?

A) 14 B) 18 C) 12 D) 10

Correct Answer: C) 12

Q3. 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

Correct Answer: D) All of the above

Q4. The intervals should be _____ in a grouped frequency distribution

A) Exhaustive B) Mutually exclusive

C) Both of these D) None

Correct Answer: C) Exhaustive & Mutually Exclusive

Q5. 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

Correct Answer: D) All of the above

Q6. 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

Correct Answer: B) Dataset

Q7. In multiple regression, _____ independent variables are used

- A) 2 or more B) 2 C) 1 D) 1 or more

Correct answer: A) 2 or more

Q8. 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

Correct Answer: B) Scatterplot

Q9. Two or more groups means are compared by using

- A) analysis B) Data analysis
- C) Varied Variance analysis D) Analysis of variance

Correct Answer: D) Analysis of variance

Q10. _____ is a raw score which has been transformed into standard deviation units?

- A) Z-score B) t-score
- C) e-score D) SDU score

Correct Answer: A) Z scores

Q11. _____ is the value calculated when you want the arithmetic average?

- A) Median B) mode
- C) mean D) All

Correct Answer: C) Mean

Q12. Find the mean of these set of number (4,6,7,9,2000000)?

- A) 4 B) 7
- C) 7.5 D) 400005.2

Correct Answer: D) 400005.2

Q13. _____ is a measure of central tendency that takes into account the magnitude of scores?

- A) Range B) Mode
- C) Median D) Mean

Correct Answer: D) Mean

Q14. _____ 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

Correct Answer: A) Descriptive & Inferences

Q15. What is the formula for range?

A) $H+L$ B) $L-H$

C) LXH D) $H-L$

Correct Answer: D) $H-L$