

Sample Test Questions

Q1. The process of finding true but unknown value of population parameter is called.

- A. Statistical Inference
- B. Estimation**
- C. Both B and C
- D. None of these

Q2. Part of population is called.

- A. Statistical Inference
- B. Statistical Analysis
- C. Sample**
- D. None of these

Q3. The formula uses to estimate the true but unknown value of population parameter is called an.

- A. Estimation
- B. Estimate
- C. Estimator**
- D. None of these

Q4. Different method of estimation are deals with.

- A. Point estimation
- B. Interval estimation
- C. Both A & B**
- D. None of these

Q5. The Central Limit Theorem says that the sampling distribution of the sample mean is approximately normal if

- A. all possible samples are selected.
- B. the sample size is large.**
- C. the standard error of the sampling distribution is small.
- D. None of these

Q6. All of the following increase the width of a confidence interval except:

- a. Increased confidence level
- b. Increased variability
- c. Increased sample size**
- d. Decreased sample size

Q7. The p-value in hypothesis testing represents which of the following: Please select the best answer of those provided below.

- a. The probability of failing to reject the null hypothesis, given the observed results
- b. The probability that the null hypothesis is true, given the observed results
- c. The probability that the observed results are statistically significant, given that the null hypothesis is true
- d. The probability of observing results as extreme or more extreme than currently observed, given that the null hypothesis is true**