

ASSIGNMENT-2

Ques1:- Define Sampling and test of significance.

Ques2:- A random sample of size 16 has 53 as mean. The sum of squares of the deviation from mean is 135. Can this sample be regarded as taken from the population 56 as mean? Obtain 95% and 99% confidence limits of the mean of the population.

Ques3:- Differentiate between Type I error and Type II error.

Ques4:- Write a short note on

1. Stratified sampling
2. Multistage sampling
3. Systematic sampling

Ques5:- Explain the various conditions under which Chi Square test is applied.