

Stat-426 Statistical Data Analysis X

50 Marks: 02 Credits

Number of Class: 20-26

Group A (Design of Experiment): 25 Marks

Additivity test of model in case of two way classification, analysis of CRD, RBD, LSD with and without missing observation, problems on factorial experiment, confounding, split plot, balanced incomplete block design, covariance analysis.

Group B (Sample Survey): 25 Marks

Drawing probability sample, sample with and without replacement, estimation of population characteristics and variance of estimators for cluster sampling, double sampling, two stage sampling, Allocation of sample sizes for optimum cost and variance function for different sampling procedures.