

PAPER V- B ,Advanced Social Statistics (43685 –B)

Unit-A

Subject Matter of Statistics- Formulas, Interpretive Rules; Descriptive and Inferential Statistics. Set Theory and Types.

Unit-B

Measurement of Variables Nominal, Ordinal, Interval and Ratio Variables. Univariate Analysis-Table of frequency Distribution and grouping of Data, Graphical Presentations. Histograms and frequency Polygons.

Unit-C

Measures of Dispersion and the Normal Distribution Normal Curve.

Unit-D

Bivariate Analysis- Lambda, Gamma (γ), Kendall's Tau (τ) and Spearman's Rho.

Unit-E

Multivariate Analysis- Nature and Types and Permutations and Combinations, Binomial Probabilities.

Books and References Recommended :

1. Jeddith, D. Handel introductory Statistics-Sociology.
2. J.H. Mueller and K.F. Schuessles.:Statistical Reasoning in Sociology.
- 3.Sidaey Seigal: Non-Parametric Statistics.
4. Elhans, D.N.: Introduction to Statistics.

