

5177 C

Paper -VIII (C) : ADVANCED SOCIAL STATISTICS

M.M:- 100

Unit-A

Subject matter of statistics- formulas, interpretive rules; descriptive and inferential statistics. Set theory and its 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 (Y), Kendall's Tau (t) and Spearman's Rho.

Unit-E

Multivariate Analysis- Nature and types and permutations and combinations, binomial probabilities.

Books and References Recommended :

1. Jedith, D. Handel : Introductory Statistics-Sociology.
2. J.H. Mueller and : Statistical Reasoning in Sociology.
3. Sidaey Seigal :Non-Parametric Statistics.
4. Elhans, D.N. :Introduction to Statistics.