

C O N T E N T S

1. CORRELATION AND REGRESSION ANALYSIS

Correlation: Meaning-Uses-Types-Karl Pearson's coefficient of correlation-probable error & Spearman's Rank Correlation (using actual mean and Excluding bivariate and Multi correlation), Regression: Meaning, Uses, Regression lines, regression Equations, regression coefficients (using actual mean method only).

2. TIME SERIES

Introduction-Meaning-Uses-Components of Time Series-Computation of Trend Values & graphical presentation under the Method of Least Squares (Excluding simultaneous equation method).

3. INTERPOLATION AND EXTRAPOLATION

Meaning-Significance-Assumptions, Methods of Interpolation-Binomial expansion (in case of missing values, only two missing values)-Newton's method of advancing differences.

4. SAMPLING AND SAMPLING DISTRIBUTION

Meaning, types: purposive sampling, Random sampling, simple sampling, stratified sampling, parameter and statistics. Sampling distribution-standard error (simple problems on determination of sample size).

5. THEORY OF PROBABILITY

Simple Problems only.