

Ph.D Entrance Syllabus

Research Methodology

Unit -I

Research Methodology: Meaning, Nature and Scope; Problem Formulation and Statement of Research Objectives; Research Process & Research Designs-Exploratory, Descriptive and causal Research designs, Quantitative and qualitative research.

Unit-II

Source of data: Primary data, Secondary data; Procedure of Data Validation, Questionnaire Designing, Sampling: Meaning and Types of Sampling; Measurement and scaling Techniques.

Unit-III

Hypothesis: Meaning and Characteristics of good Hypothesis, Types of Hypothesis, Small sample test, Large sample test, Chi-square test, Association of Attributes, Analysis of Variance.

Unit-IV

Correlation and Regression Analysis, Discriminate Analysis, Factor Analysis, Time series analysis

Unit -V

Report Writing: Meaning, Significance, Structure and components of Research Report; Types of Report, Good Research Report, Picture and Graphs, Precaution in writing research report.