

RESEARCH METHODOLOGY

(Common for All)

Meaning of research: Definition, Importance, Limitations, Types of research: Fundamental or Pure research, Applied research, Action research, Historical Research, Descriptive Research, Experimental Research. Research Problem: Selection of the problem, Statement of problem, Objectives of research problem, Hypothesis, Research proposal or synopsis. Review of the related literature: Purpose of the review, Identification of the related literature, Organizing the related literature. Sampling: Meaning, Methods of sampling, Types of data, Classification of data, Graphic representation of data, Descriptive statistical measures, Measures of central tendency, Measures of variability, Normal probability curve, Correlation, Sorting & Tabulating data, Tables & Figures. Tools for research: Questionnaire, Interview, Psychological tests & inventories, Characteristics of good test. Data Analysis: Analysis of data, Modern computational Mechanical Aids, Elements of a computer system, Interpretation of results. Research Report: General format of the research report, Style and format of writing, typing of the research report – Footnotes, bibliography, headings, paginations, tables and figures. Proof reading of the final draft of the research report.

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