

PAPER-II EDUCATIONAL RESEARCH METHODOLOGY

Unit I - Educational Research:

Meaning, Definition, Nature, Need & Scope of Educational Research, Kinds of Edu. Research.

Unit II Selection of a Research Problem:

Meaning & Nature of Res. Problem, Criteria & Sources of res. Problem, Characteristics of good Res. Problem, Define and Delimitation of Problem, Kinds of Variables and its control.

Unit III. Review of Related Literature:

Meaning, Need, Significance and Sources and Library using skills.

Unit IV - Formulation of Hypothesis:

Objectives & Needs & terms of Hypothesis of Research Problem, Characteristics of good Hypothesis, Classification of Hypothesis, Testing of Hypothesis.

Unit V - Sampling:

Concept of Population & Sample, Sampling Methods.

Unit VI - Methods & Tools of Measurement:

Types of Research Methods, Classification of Tools & Measurement Techniques, Reliability & Validity & Norms Testing Techniques. Qualities of a good test.

Unit VII - Statistical Analysis:

Its needs & Importance of Data Analysis techniques, Graphic representation of data, Measures of Central Tendency, variability, correlation, Uses of Parametric & Non-Parametric techniques in factor Analysis. Normal Probability Curve & Its applications.

Unit VIII Preparation of Research Report:

Steps & writing of synopsis & Thesis, Methods of Making Footnotes & Bibliography.

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