

**M.A./M.Sc. (PREVIOUS) PSYCHOLOGY
EXAMINATION, 2005-2006**

**PAPER-III
RESEARCH METHODOLOGY**

UNIT-I

Concept of Science and Scientific Method. Scientific approach in Research, Science and Commonsense. Four methods of knowing science and the function; The aim of Science, scientific explanation and theory; Scientific method of Psychological research.

Problems and Hypothesis: Meaning and its Generality and Specificity; Importance and virtues of problems and hypothesis.

UNIT-II

Constructs, variables and definitions of constructs and operational. Definitions of constructs and variables, Types of variables in Psychological research.

Research Design; Meaning, purpose, principles and design criteria.

UNIT-III

General designs of research: elements of good and poor designs.

Types of Research: Expost-facto research, Laboratory research, Experiments, Survey research, Field studies.

UNIT-IV

Sampling concept and methods.

Techniques of data collection : Interview, Questionnaire, Observation; Tests, Scales, sociometry; semantic differential method; Critical incidence and Q-sort techniques.

UNIT-V

Research Report writing, Essentials & Characteristics, Type of Report.

Further methods of research design. Latin Square, Randomized blocks, Matched Group and Factorial design.

BOOKS RECOMMENDED :

1. Kerlinger : Foundation of behavioural Research
2. Festinger & Katz : Research Methods in Behavioural Sciences.
3. Goode & Hatte : Research Methods of Social Research
4. Galtving : Theory and Methods Social Research
5. Patel, A.S. : Experimental Designs in Behavioural Science. Their Statistical Analysis.