

Paper 3.2 – Research Methodology

M.M. 75

Unit – I

Research Methodology: An Introduction:

Meaning of Research
Objective of Research
Motivation in Research
Types of Research
Significance of Research
Research Methods versus Methodology
Research Process
Criteria of Good Research

Unit – II

Defining the Research Problem:

What is a Research Problem?
Selecting the Problem
Necessity of Defining the Problem
Technique Involved in Defining a Problem

Unit – III

Research Design:

Meaning, Need of Research Design
Futures of a Goods Design
Important Concepts Relating to Research Design
Different Research Design
Basic Principles of Experimental Designs

Unit – IV

Research Design:

Meaning, Need of Research Design
Futures of a Goods Design
Important Concepts Relating to Research Design
Different Research Design
Basic Principles of Experimental Designs

Unit – V

Processing and Analysis of Data

Processing Operations
Some Problems in Processing
Elements/ Types of Analysis
Statistics in Research
Measures of Central Tendency
Measures of Central Tendency
Measures of Dispersion