Introduction: Objectives of Research – Limitations in Research – Qualities of a Good Research Worker
– Criteria of Good Research – Limitations of Research [3]

Types of Research and Approaches: Fundamental, Pure or Theoretical Research – Applied Research –

Literature Review: Purpose of Review of Literature – Literature Search Procedure – Sources of
Literature – Importance of Review of Literature. [3]

Research Design: Essentials of Research Design – Need for Research Design – Classifications of
Research Design – Causations and Experimental Design – Errors in Research Design – Types of
Research Errors. [7]

Testing of Hypothesis: Meaning of Hypothesis – Need for Hypothesis – Types of Hypothesis – Sources
of Hypothesis – Functions of Hypothesis – Character of Good Hypothesis – Statistical Testing of
Hypothesis – One Sample Test – Two Independent Sample Tests [7]

Sampling and Sampling Design: Steps in Developing a Sampling Plan – Census Method – Sampling
Method – Types of Sampling – Probability Sampling – Non probability Sampling – Determination of
Appropriate Sampling Design. [6]

Methods of Collection of Data: Sources of Data – Documentary Sources – Field Sources – Methods of
Data Collection [4]

Processing of Data: Editing of Data – Coding of Data – Classification of Data – Statistical Series [2]

Ethical issues in research: Code of Ethics in Research – Ethics and Research Process – Importance of
Ethics in Research [4]

Books:

1) Research Methodology : Kothari
2) Research Methodology : C. Murthy Vindra Publications (P) Ltd.