

UNIVERSITY OF RAJASTHAN, JAIPUR

UNIRAJ PAT Syllabus

Research Methodology

Faculty of Social Science

RM-07

(Common for Anthropology, Economics, History, Museology and Conservation, Political Science, Public Administration, Rajasthan studies, Sociology, South Asia studies)

UNIT - I

Research - Meaning, Characteristics, Objectives, Types and Importance

Types of Research: Pure Research, Applied Research, Exploratory Research,

Interdisciplinary Research, Diagnostic Research, Quantitative and Qualitative Research.

Research Methods: Scientific, Deductive and Inductive Methods: Formulating a Research Problem

Reasoning and Analytical Abilities, Ethics in Conducting Research.

UNIT - II

Hypothesis: Meaning and Types, Type I and Type II error

Sources of Data: Primary and Secondary

Types of Data: Time Series, Cross Sectional, Panel and Pooled

Sampling: Concept, and sampling methods - sampling frame, characteristics of a good sample, Probability and Non- Probability sampling

Quantitative Methods: Survey, Questionnaire, Interview Schedule.

Qualitative methods: Observation, Case Study, Focus Group Discussion

UNIT - III

Tabulation and Classification of data, Graphical Presentation of Data

Statistical Techniques: Mean, Mode, Median; Conditions for the use of F test, t test, z test

Data Analysis: Quantitative and Qualitative analysis, Importance of Data analysis

Types of Referencing and Citation Styles, Importance of Referencing

Dingh

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