Ph.D. Course Work :

Paper I
Total Markss: 100
Paper I: Elements of Research Methodology

UnitI: Research- Concept, nature and significance; Types of Research: Fundamental, Applied, Evaluation and Interdisciplinary; Methods of Research- Historical, Descriptive, Experimental and Analytical. Qualities of Research, propositions, axioms and postulates.

Unit II: Identification and Formulation of Research Problem: Research Paradigms, Values; effects of Values in social research; values and perception; Reactivity, Cross-social verses Longitudinal studies, Objectivities of Research, Source of Research Materials, Review of Related Literature, Rationale of study, Research Questions, Statement of Problem, Objectivity of the Study, Hypothesis, Scope of Study, Definition of the Study.

Unit III: Epistemology of Research: Knowledge-Belief, truth, justification, Gettier Problem, Infallibility, Reliabilism, Externalism and Internalism, Acquiring knowledge-Empiricism, Rationalism, Constructivism.

Unit IV: logic of Research: Inference, Proposition, Syllogism, Evidence, Fallacy, Induction and Deduction, Classification, Analogy.

UNIT V: Explanation in Social Sciences: Behaviourism, Marxism, Weber's Thesis, Structuralism, Functionalism, Popper and Kuhn.

Paper II

Unit 1: Research Design: Meaning, Function and Characteristics of Research Design; Difference in designing Quantitative and Qualitative Research; Exploratory, Descriptive and Experimental Research Design.

Unit II: Sampling: Meaning of Sampling, Principles of Sampling, Advantage of Sampling, Types of Sampling; Sampling oin Qualitative Research, Sampling Size.

Unit III: Methods of Data collection: Source of Data; Observation; Interview,Questionnaire, data processing and analysis, preparation of research report.

Unit IV: Writing Skill: Use of footnotes and endnotes, Bibliography, Use of Words, Sentence and paragraphs, style, plagiarism.

Unit V: Application of computer Applicatiobn in Social Science Research. Concept of computer, MS-application,

Excel application, Creation of Data file, Mathematical Function, Logical Function, Graphs, SPSS application, Data analysis.

Paper III Logic: Indian and Western
Full Marks: 100
First Half: Indian Logic-50 Marks

(i) Perception (Nyaya Perspective)
(ii) Inference (Nyaya Perspective): Vyapti, Paksata, Paramarsa, Hetvabhasa
(iii) Khyativada

Second Half: Western Logic-50 Marks
(i) Syllogism: General Rules, Fallacies and testing validity by Venn diagram.
(ii) Mill's Experimental Methods.
(iii) Scientific Methods.

Paper IV
Full Marks-100
First Half: Marks 50
Paper Presentation/Seminar- Marks 25
Book Review- Marks 25
Second Half: Marks 50
Submission of Model Synopsis

Research Eligibility Test (RET):

Syllabus for RET Examination
1. Indian Philosophy*: (i) Vedanta Paribhasa, (ii) Nyaya Sutra, (iii) Prasastapada Bhasya.

2. Western Philosophy*: (i) Plato's Republic, (ii) Aristotle's Metaphysics, (iii) Kant's Critique of Pure Reason, (iv) Capital (Karl Marx).

3. Symbolic Logic* : I.M. Copi

*Select portion of the M.A. Syllabus, Dept. of Philosophy, Tripura University.