



**DEPARTMENT OF GEOGRAPHY
VISVA-BHARATI, SANTINIKETAN**

Ph.D. Course Work Syllabus 2012

Paper – I

(Research Methodology)

Full Marks: 100

Exm Duration: 3 Hours

(For Exm. 80 Marks, For Internal Assessment 20 Marks)

UNIT	1.0	CONCEPTUAL DEFINITION
<i>MB & MM</i>	1.1	Research advances in Geography and criteria for undertaking Geographical Research
	1.2	Research Methods in Geography
	1.3	Generic concepts and Principles of Geographical Research
	1.4	Organisation of Knowledge base in Geography (Ephistemology) relations between Geography and other related Sciences
UNIT	2.0	IDENTIFICATION, OBJECTIVES AND DESIGN
	2.1	Identification of Research Problems in Geography specify and issue base
	2.2	Objective and identification – Framing of Hypothesis, Modes and Justifications
	2.3	Research Design – Components and Steps
	2.4	Techniques – Selection procedure
UNIT	3.0	CONSIDERATION OF DATA BASE
	3.1	Nature of Database – Qualitative and Quantitative
	3.2	Data Format / Data Matrix
	3.3	Sources of Data and their Characteristics
	3.4	Processing of Data.

Paper – II

(Preparation, Techniques and Organisation)

Full Marks: 100

Exam Duration: 3 Hours

(For Exm. 80 Marks, For Internal Assessment 20 Marks)

UNIT	1.0	CHOICE, APPLICATION AND SAMPLING
	1.1	Choice of sample research area (Geographical – Analytical steps and justification; Logical approach
	1.2	Application of Techniques in Research Work – Statistical, Cartographic, Computer Application; Preparation of Maps, Diagrams and Tables
	1.3	Sampling Techniques, Design and Size
	1.4	Preparation of Field Survey – Interview, Field Questionnaire Schedule and Selection Field Photographs
UNIT	2.0	SOURCES, TECHNIQUES AND EVALUATION PROCESS
	2.1	Importance and Meaning of Literature Survey
	2.2	Sources of Information on Past Works done
	2.3	Techniques of Information Search, Stage and Retrieval
	2.4	Evaluation Process of Information from Literature Survey – Global, National, Regional and Local
UNIT	3.0	ORGANISATION OF THESIS
	3.1	Techniques of Literature Review – Book / Article
	3.2	Preparation Techniques of Bibliography; Appendix, Addendum, Footnotes, References
	3.3	Preparation Techniques of Characterisation
	3.4	Designing the complete format of a research proposal

Paper –III
(Research Proposal and Dissertation Preparation)

Full Marks: 100

(For Exm. 80 Marks, For Internal Assessment 20 Marks)

Exm Duration: 3 Hours

UNIT	1.0	IDENTIFICATION OF TOPICAL, AREAL, QUANTITATIVE AND CARTOGRAPHIC TECHNIQUES
	1.1	Topical Identification: Dissertation title; Chapter and Sub-chapter titles
	1.2	Areal Identification: Nature and Extent of Geographical Information Input
	1.3	Identification of Quantitative Techniques: Choice, Justification and Logical support
	1.4	Identification of Cartographic Techniques: Choice, Justification and Logical support
UNIT	2.0	CONTENT DETERMINATION
	2.1	Content Determination – Expression and Choice of technical terminology
	2.2	Content Determination – Factual and Hypothetical Inputs with logical explanations
	2.3	Content Determination – Nature and Source of Data (Quantitative and Qualitative) – possible lacunae and solutions for data base
	2.4	Content Determination – Visual, Cartographic and Field Photographs
UNIT	3.0	PROJECT REPORT WRITING
	3.1	Initiation of Project Report Writing – Highlighting the Exclusivity, uniqueness and applicability of the work – issues of social justice, inorganisation and improvement in quality of human life
	3.2	Quantum of Information Input and their Purposive Justification – degree of Multidisciplinary Approach
	3.3	Selection, Ordering and Labeling of maps, diagrams and field photographs – specificity of themes and information
	3.4	Ordering of Technical Details of Dissertation and Presentation – Foot notes, Quotations, References, Bibliography, Appendices, Addendum, corrigendum etc. – Time bound oral / Extempore presentation techniques