



PURNEA UNIVERSITY, PURNIA

Paper-I

Research Methodology + Philosophy

Full Marks: 100

Duration of Examination: 2 Hours

Questions shall consist of 3 parts:

Part-A : Short Questions (06 in number of which 04 to be answered, each carrying 10 marks) = 40

Part-B : Long Answer Question (04 to be asked of which 02 to be answered, each carrying 30 marks) = 60

1. Introduction to Research: What is Research; Why is Research Conducted; Stages in Research; Changing Nature and Expanding Scope of Research; Why Research Methodology.
2. Introduction to Major Research Methods: Natural Observation; Historical Research; Ethnographic Research; Cross-Sectional Study; Longitudinal Study; Cohort Study; Case Study; Correlational Research; Action Research; Quantitative and Qualitative Research; theoretical research, applied research and empirical research; Experimental Research: Cause and Effect Relationships, Hypothesis in Experiments, Principles of Experimentation, Classification of Experiments, Experimental Design, Requirements of a Good Experiment; Reasoning in Research : Introduction to Logical Terms; Evidences; Inductive and Deductive Reasoning; Fallacious Reasoning; Formal and Informal Fallacies; Common Fallacies.
3. Research Design: Study designs in quantitative research; Study designs in qualitative research; Other commonly used philosophy-guided designs; Choice of Variables; Constructing hypotheses, Mechanisms and Design for Data Collection; Collection of Primary Data: Observation, Interview, questionnaire and schedule Sample Surveys and Designed Experiments, Estimation without Sampling, Methods of data collection in qualitative research; Collection of Secondary Data; Data Integration; Using Publications and the Library; Using Academic Databases: Search Engines, Citation Indexes and Citation Analysis, Government of India Initiatives for

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Knowledge Management- INFLIBNET: e-ShodhSindhu, Shodhganga, ShodhGangotri, and N-List Projects.

- 4. Data analysis: Statistical analysis; Thematic analysis; Analysing narrative; Discourse analysis; Content analysis; Grounded Theory; Using computers in data analysis.
- 5. Ethics and Related Issues in Research: Concepts in Ethics in Research; Intellectual Property Rights; Scientific Values: Needed a Code of Conduct; Fraud and Misconduct in Science; Plagiarism: What is Plagiarism, Acknowledge Sources Appropriately, Paraphrasing, Direct and Indirect Quotations, Plagiarism Checking: ShodhShuddhi, UGC (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018, LNMU Plagiarism Policy and Regulations-2018.
- 6. Writing a Research Proposal: Introduction; The research problem; Objectives of the study; Hypotheses to be tested; Study design; Measurement procedures; Analysis of data; Structure of the report; Problems and limitations.
- 7. The Structure of a Thesis: Thesis Vs Dissertation; Parts of a Thesis; Preliminary Pages of a Thesis: Title Pages, Certificate Pages, Acknowledgements, Table of Contents, List of Tables, List of Figures, Dedication; The Subject Proper: Introduction, Review of Literature, Materials and Methods, Results, Analysis/ Discussion, Summary/Conclusion, References, Appendixes; The Abstract; Formatting Requirements of a Thesis: Margins, Page Numbering, Design and Formatting of Chapters, Numbering the Sections, Lay-Out of Tables, Language and Style, Typeface and Fonts, Paper and Text Spacing; Thesis Editing.

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Syllabus of Ph.D. Course Work paper II.

The second paper shall carry full 100 marks. The question pattern of the paper shall be as followed:-

Part A- Ten objective types questions (two questions from each unit)
10x2=20

Part B- Six short answer question in which four to be answered.
4x8=32

Part C- Five long answer-question in which three to be answered.
3x16=48

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Syllabus of Ph.D. Course work, Paper II

Unit I:-

Research methodology in Indian Philosophy :- Definition, Description, Nature and types of research methodology in Indian Philosophy, Chief characteristics.

Unit II:-

Yukti Tantra, Sixteen Padarthas of Indian Philosophy, Six ways of knowing; - Pratyaksha, Anuman, Upman, Sabda, Arthapatti, Anupalabdhi. Theory of error.

Unit III:-

Linguistic Trends in Indian Philosophy :- Varnabada, Shabdabada, Vakyabada, The different levels of speech, Four fold classification of words, Necessary conditions of a sentence, Eight fold theories of sentence, Sphotabada.

IV:- Research methodology in Western Philosophy :-

Descartes :- Cogito ergo sum, Kant :- Theory of knowledge, Logical positivism :- Function of Philosophy, Verification theory of meaning, Wittgenstein :- Picture theory of meaning, Language game, J.L. Austin :- Analysis of speech act, Distinction between Constantive and performative statements, P.F. Strawson :- Descriptive Metaphysics, concept of person, D.V.O. Quine :- Radical empiricism, Derrida theory of deconstruction.

Unit V:-

Aspect of thesis writing, Identification of research problem, Using resource material, How to cite and acknowledge sources and prepare bibliography, Critical writing :- summarising, Developing arguments reviewed in, writing research paper, references, Computer Application :- How to use web based research sources, Power-point presentation, Editing, Academic Ethics :- Plagiarism

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Suggested Books:-

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- (1) Six ways of knowing - D.M. Dutta
- (2) How to write a thesis - Umberto Eco
- (3) Trends of Linguistic Analysis in Indian Philosophy - H.M.Jha
- (4) A critical survey of Indian Philosophy - C.D. Sharma
- (5) The Philosophy of Language - Alston
- (6) Language, truth and Logic - Ayer
- (7) The Philosophy of Wittgenstein - Pitcher
- (8) The principals of Linguistic analysis - P. Wilsman
- (9) Philosophy of Language - J.L. Austin
- (10) Samkalin Paschatya Darshan - B.K. Lal
- (11) Research Methodology - R. Panneerselvam

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