



PhD Entrance Test
A.Y-2026-27
Subject: Research Methodology Syllabus

Units	Topics
Unit I: Fundamentals of Research	• Meaning, Nature and Objectives of Research • Types of Research • Scientific Method • Research Process • Identification and Formulation of Research Problem • Research Objectives, Research Questions and Hypothesis
Unit 2: Research Problem and Research Design	• Identification and Formulation of Research Problem • Research Objectives, Research Questions and Hypothesis • Literature Review • Basic Concepts of Research Design
Unit 3: Sampling and Data Collection	• Sampling: Meaning and Types • Sources and Methods of Data Collection • Basic Data Presentation and Interpretation • Introduction to Descriptive Statistics
Unit IV: Research Report and Ethics	• Structure of Research Report • Referencing and Bibliography • Research Ethics • Academic Integrity and Plagiarism

Books Recommended;

1-Research Design-John W. Creswell & J. David Creswell

2-Research Methodology: A Step-by-Step Guide-Ranjit Kumar

3-Research Methodology: Methods and Techniques-C.R. Kothari

4-Social Research Methods-Alan Bryman
