

SYLLABUS – Ph.D. ENTRANCE EXAMINATION

RESEARCH METHODOLOGY

Research Aptitude: Research- Meaning, characteristics and types; Steps of research; Methods of research; Research Ethics; Paper, article, workshop, seminar, conference and symposium; Thesis writing; its characteristics and format.

Reasoning (Including Mathematical): Number series; letter series; codes; Relationships; classification.

Logical Reasoning: Understanding the structure of arguments; Evaluating and distinguishing deductive and inductive reasoning; Verbal analogies; Word analogy – Applied analogy; Verbal classification.

Reasoning Logical Diagrams: Simple diagrammatic relationship, multidiagrammatic relationship; Venn diagram; Analytical Reasoning.

Data Interpretation: Sources, acquisition and interpretation of data; Quantitative and qualitative data; Graphical representation and mapping of data.

Communication: Nature, Characteristics and Types; Barriers; Effective classroom communication; Non-verbal communication
