

**Ph.D Entrance Examination**  
**Syllabus**  
**(Adapted from UGC - NET)**  
**( Question Paper Patten : 75 Multiple Choice Questions)**

**Unit I Teaching Aptitude**

- a. Teaching: Nature, objectives, characteristics and basic requirements
- b. Learner's characteristics
- c. Factors affecting teaching
- d. Methods of teaching
- e. Teaching aids
- f. Evaluation systems

**Unit II Research Aptitude**

- a. Research: Meaning, characteristics and type
- b. Steps of research
- c. Methods of research
- d. Research Ethics
- e. Research Paper, article, workshop, seminar, conference and symposium
- f. Thesis writing: its characteristics and format

**Unit III**

Reading Comprehension: A passage to be set with questions to be answered.

**Unit IV**

Communication: Nature, characteristics, types, barriers and effective classroom communication.

**Unit V:** Reasoning (Including Mathematical): Number series; letter series; codes; Relationships; classification

**Unit VI : Logical Reasoning**

- a. Understanding the structure of arguments
- b. Evaluating and distinguishing deductive and inductive reasoning
- c. Verbal analogies: Word analogy– Applied analogy
- d. Verbal classification
- e. Reasoning Logical Diagrams: Simple diagrammatic relationship, multi diagrammatic relationship
- f. Venn diagram
- g. Analytical Reasoning

**Unit VII : Data Interpretation**

- a. Sources, acquisition and interpretation of data
- b. Quantitative and qualitative data
- c. Graphical representation and mapping of data.

**Unit VIII Information & Communication Technology (ICT)**

- a) ICT : meaning, advantages, disadvantages and uses
- b) General abbreviations and terminology
- c) Basics of internet and e-mailing

**Unit IX People and Environment**

- a) People and environment interaction
- b) Sources of pollution
- c) Pollutants and their impact on human life, exploitation of natural and energy resources
- d) Natural hazards and mitigation

**Unit X : Higher Education System: Governance, Polity and Administration**

- a) Structure of the institutions for higher learning and research in India
- b) Formal and distance education
- c) Professional/technical and general education
- d) Value education: governance, polity and administration
- e) Concept, institutions and their interactions

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