

**Department of Education & Community Service
Punjabi University, Patiala**

Syllabus for Ph.D. Executive Entrance Test

Session-2026-2027

Section-A

(Research Methodology)

Educational Research: Concept, Types and steps. Review of related literature: Purpose and sources. Ethical issues in conducting research hypotheses: Formulation, Significance and Types. Type I & Type II Error. Reliability and Validity of Test Scores

Sampling, Sampling errors, Research Tools: Meaning, characteristic, types and uses. Methods of Research: Historical, Descriptive, Experimental: Concept, Importance and steps. Measures of Central tendency and variability meaning, importance and properties of NPC. Uses and significance of correlation coefficient. Assumptions and uses of t-test, ANOVA and chi Square test.

Section-B

(Subject)

Education: Meaning, Concept, functions Metaphysics, Philosophies of Education (Naturalism Pragmatism, Existentialism, Idealism) , Values, Relationship between Philosophy and Education. Meaning, Scope, functions of sociology of education, Agencies of Education (family, school, community). Role of Education in culture. Human rights education and socialization. Role of Education in Culture. Educational Thinkers(Gandhi, Tagore, Vivekananda and John Dewey)

Educational Psychology- Concept, Scope, Methods, Learning-concept, theories of Skinner, Bandura and Gagne. Intelligence: concept of general, social and emotional intelligence Guilford's model of intellect, creativity, Motivation-concept and strategies and achievement motivation- Maslow's concept. Personality- concept, theories- Allport, Erickson, Bandura and Big Five factor model and assessment of personality. Individual Differences: Concept, types and causes. Special Education: Concept & Importance.

Overview of Indian Education in Pre-period in independent India with special reference to university Education Commission (1948-1949), National Policy in Education (1986), Universalization of elementary education, Right to Education act 2009, Inclusive Education , Higher Education and Quality Assurance, Teacher Education: Present Status and problems, National Curriculum framework for Teacher education (2009), National Education Policy (2020).