

Ph.D. (in Education) Entrance Examination, 2022

Unit I: Perspectives in Education

- a. Indian and Western Philosophy: Six Schools of Indian Philosophy, Jain and Buddhist Educational Thought, Carvak, and Islamic Philosophy of Education. Idealism, Realism, Naturalism, Pragmatism, Marxism, Existentialism
- b. Sociology of Education; Social Change and Social Institutions, sociological theories (classical and contemporary), Theories of Social Movements (Relative Deprivation, Resource Mobilization, Political Process Theory and New Social Movement Theory) Rural and urban Sociology; Sociology of backward classes and marginalized; Sociology of development; methodology and methods in sociological research.
- c. Psychology and Education; Different Schools of Psychology Gestalt, The Behaviorist, The Psychoanalytic, The Humanistic), Learning Theories, Intelligence theories, theories of Human Development: Cognition, Emotion, Moral, Social (Kohlberg, Freud, Allport, Piaget), Mental health and Mental Hygiene.

Unit II: Research Methodology in Education

- a. Concept and Types of Educational Research (Fundamental, Applied and Action), Approaches to educational research (Quantitative and Qualitative), Designs in educational research (Descriptive, Experimental and Historical). Sampling and its Types, Tools of Research - Validity, Reliability and Standardization, Types of Tools (Rating scale, Attitude scale, Questionnaire, Aptitude test and Achievement Test, Inventory), Techniques of Research (Observation, Interview and Projective Techniques)
- b. Hypotheses - Concept, Sources, Types (Research, Directional, Non-directional, Null), Hypothesis Testing, (Type I and Type II Errors), Levels of Significance, Power of a statistical test and effect size, Parametric Techniques, Non- Parametric Techniques. Correlation, t-test, z-test, ANOVA, chi-square
- c. Qualitative Research Designs: Grounded theory, Content Analysis, Ethnography, Case Study, Writing Research Proposal and Synopsis.

Unit IV: History of Education and Contemporary Issues

- d. Development of Indian Education: Gurukul, Ancient Universities, Pathshalas, Madrasas, Indian Intellectual and Knowledge Traditions: Education and National Culture of India,
- a. Education after Independence: University Commission 1948), Kothari Education Commission (1964-66), NPE (1986), NCF- 2005, National Knowledge Commission (2005), NCFTE (2009) National Education Policy-2020
- b. Educational and National Development; Democracy, National Integration, Constitutional Values, 17 Sustainable Development Goals (SDGs) and Education, Yoga in Educational Curriculum.

Unit III: Educational Thinkers

- a. Mahatma Gandhi, Rabindranath Tagore, Swami Vivekanand, Dayanand Saraswati, APJ Abdul Kalam,
- b. Socrates, Plato, Karl Marx, John Dewy, Bertrand Russell and Paulo Friere, Nel Noddings