

U.P. HIGHER EDUCATION SERVICES COMMISSION, ALLAHABAD

EDUCATION **(Subject Code-38)**

Part-A : Philosophical Foundation of Education :

Western Schools of Philosophy : Idealism, Realism, Naturalism, Pragmatism, Existentialism, Marxism with special reference to the concepts of knowledge, reality and values their educational implications for aims, contents and methods of education.

Indian Schools of Philosophy (Sankhya, Vedanta, Buddhism, Jainism, Islamic traditions) with special reference to the concept of knowledge, reality and values and their educational implications for aims, contents and methods of education.

Contributions of Vivekananda, Tagore, Gandhi and Aurobindo to educational thinking.

National values as enshrined in the Indian Constitution, and their educational implications

Part-B : Sociological Foundations of Education :

Relationship of Sociology and Education

Meaning and nature of Educational Sociology and Sociology of Education

Education – as a social subsystem – specific characteristics Education and the home

Education and the Community with special reference to Indian Society

Education and Modernization

Education and Politics

Education and Religion

Education and Culture

Education and Democracy

Socialization of the Child

Meaning and Nature of Social Change

Education as related to Social Stratification and Social Mobility

Education as related to Social Equity and Equality of Educational Opportunities.

Constraints on Social Change in India (Caste, Ethnicity, Class, Language, Religion, Regionalism)

Education of the socially and economically disadvantaged sections of the society with special reference to scheduled castes and scheduled tribes, women and rural population

Part-C : Psychological Foundations of Education :

Relationship of Education and Psychology

Process of Growth and Development-physical, social, emotional and intellectual, development of concept formation, logical reasoning, problem solving and creative thinking; language development, individual differences – determinants; role of heredity and environment; implications of individual differences for organising educational programs

Intelligence – Its theories and measurement.

Learning and Motivation

Theories of learning – Thorndike is connectionism; Pavlov's classical and Skinner's operant conditioning; Learning by insight; Hull's reinforcement theory and Tolman's theory of learning; Lewin's – Field theory.

Gagne's Hierarchy of Learning.

Factors Influencing Learning.

Learning and Motivation.

Transfer of learning and its theories.

Psychology and education of exceptional children – creative, gifted, backward, learning disables and mentally retarded.

Personality – type and trait theories – measurement of personality

Mental health and hygiene – process of adjustment, conflicts and defence mechanism, mental hygiene and mental health. Sex Education

Guidance.

Part-D : Educational Research :

Meaning, Nature and need of research in education

Scientific Inquiry and Theory Development – some emerging trends in research

Fundamental – Applied and Action Research.

Criteria and sources for identifying the problem

Delineating and Operationalizing variables

Developing Assumptions and Hypothesis in various types of Research.

Concept of population and sample

Various methods of sampling

Characteristics of a good sample

Characteristics of a good research tool

Types of research tools and techniques and their uses

Questionnaire – Interviews – Observations

Tests and scales, projective and sociometric techniques

Descriptive Research

Ex – post facto Research

Field Experiment

Field Studies

Historical Research

Descriptive and Inferential Statistics. The null hypothesis, test of significance, types of error, one – tailed and two – tailed tests.

The t – test.

The F-test (one-way and ANOVA) Non-Parametric tests (Chi-square test).

Biserial, point – biserial. tetrachoric and phi – coefficient of correlation.

Partial and multiple correlations.

Part-E1 :Educational Administration :

Educational Administration : Meaning and Nature, Concept of Leadership, Styles of Leadership, Measurements of Leadership

Educational Planning : Meaning and Nature, Approaches to Educational Planning, Perspective Planning, Institutional Planning

Educational Supervision : Meaning and Nature, Supervision as Service Activity, Supervision as a Process, Supervision as Functions, Supervision as Educational Leadership, Modern Supervision, Planning the Supervisory Program, Organizing Supervisory Program, Implementing Supervisory Program

Part-E2 :Measurement and evaluation in Education :

Educational Measurement and Evaluation Concept, Scope, need and relevance

Tools of measurement and evaluation subjective and objective tools, essay test,

Objective test, scales, questionnaires, schedules, inventories, performance tests.

Characteristics of a good measuring Instrument : Validity, Reliability, Norms, Usability, etc.

Test Standardization : Norm – referenced and criterion – referenced tests, scaling-standard scores

T – Scores and C – scores

Steps in the standardization of a test.

Interpretation of test-scores and methods of feedback to students.

New Trends : Grading, Semester, Continuous Internal Assessment, Question Bank, uses of computer in evaluation, qualitative analysis.

Part-E3 : Educational Technology :

Meaning and Scope of Educational Technology : Educational Technology as systems approach to education, Systems approach in educational technology and its characteristics

Components of educational technology, software, hardware

Multi – media approach in Educational Technology

Modelities of Teaching – difference between teaching and instruction, conditioning and training

Stages of teaching – pre – active. interactive and post-active

Teaching at different levels – memory, understanding and reflective

Modification of teaching behaviour : Microteaching, Flander's Interaction Analysis, simulation.

Programmed Instruction (origin, types, linear and branching, development of programmed instruction material – linear / branching model.

Models of Teaching : Concept, different families of teaching models

Communication Process : Concept of communication, Principles. Modes and Barriers of communication, Classroom communication (interaction verbal and non – verbal).

Distance Education : Concept, Different contemporary systems, viz., Correspondence, Distance and open; Student support services; Evaluation Strategies in Distance Education; Counselling Methods in Distance Education.

Part-E4 : Educational of special children :

Concept and nature of special education : objectives, types, historical perspective, integrated education

Education of Mentally Retarded : Characteristics of the retarded, educable mentally retarded, teaching strategies, enrichment programmes, remedial programmes, etiology and prevention, mental hygiene as remediation

Education of the visually impaired : characteristics, degree of impairment, etiology and prevention, educational programmes

Education of the Hearing Impaired : characteristics, degree of impairment, etiology and prevention, educational programmes

Education of the Orthopaedically Handicapped : types of handicap, characteristics, educational programs

Education of the Gifted and Creative Children : characteristics, creativity and identification process, educational Programmes

Learning Disabled Children : characteristics, identification, educational programme

Education of Juvenile Delinquents : characteristics, problems of alcoholion, drug addiction, anti – Social and character disorder, educational Programs for Rehabilitation

Part-E5 : Teacher education :

Teacher Education : Historical perspective Recommendations Of various commissions on teacher education; Kothari Commission.

Teacher education in National Policy on Education 1986

Aims and objectives of teacher education at : elementary level, secondary level

Teaching as a Profession : Professional organisations for various levels of teachers and their role; performance appraisal of teachers.

Types of teacher education programs and agencies : Inservice teacher education, Preservice teacher education, teacher education through distance mode

Current Problems : Teacher education and right to education, Preparing Teachers for special schools

Implementation of curricula of teacher education

Areas of Research : Teaching effectiveness, Criteria of admission, Modification of teacher behavior, School effectiveness

Note : Weightage to be given to different components

Part (A) Philosophical Foundation of Education	-	10 Items
Part (B) Sociological Foundations of Education	-	10 Items
Part (C) Psychological Foundations of Education	-	10 Items
Part (D) Educational Research	-	10 Items
	=	40 Items
Part (E1) Educational Administration	-	06 Items
Part (E2) Measurement and evaluation in educational	-	06 Items
Part (E3) Educational Technology	-	06 Items
Part (E4) Education of Special children	-	06 Items
Part (E5) Teacher Education	-	06 Items
	=	30 Items
Total	-	70 Items