

301. EDUCATION

UNIT-I: Philosophical Perspectives of Education

1. Meaning, nature, scope & functions of Philosophy of Education
2. Eastern Systems of Philosophies – Orthodox and Heterodox
3. Philosophical Inquiry – metaphysical, Epistemological and axiological
4. Educational Implications of: Essentialism, Marxism
5. Critical Analysis of Post Modern Philosophies of Education: Realism; Analytical Philosophy

UNIT-II: Sociological perspectives of Education

1. Meaning, nature, scope & function of Sociology of Education
2. Sociological Inquiry
3. Socialization process – Culture
4. Social Change & Social mobility
5. National Values in the Indian Constitution with reference to Democratic, Secular, Egalitarian and Humane society

UNIT-III: Advanced Educational Psychology

1. Developmental tasks – Havighust's theory and its Educational implications, Hazard in developmental tasks
2. Role of the parents, teachers and school in facilitating the achievement of Developmental tasks at different stages of development
 - Individual Differences: Concept and types, Determinants of Individual, Individual differences – learning, maturation, Heredity' and Environment
 - Theories of Intelligence – Sternberg's Triarchic theory of Intelligence
3. Approaches to learning theories and its educational implications :
 - Behaviouristic approach – Skinner's operant conditioning
 - Cognitivist theory – Information processing theory : Robert Shiegler
 - Socialistic and Humanistic approach social cognition theory: Bandura & Carl Rogers theory
 - Constructivist theory : Vygotsky
 - Hierarchical Theory of Learning : Gagne
 - Motivation: Concept, types of Determinants
 - Mc Douglas Theory & its educational implications
 - Lewin;s filed theory & its educational implications
 - Hull's Reinforcement theory its educational implications

UNIT-IV: Research Methods in Education

1. Nature & characteristics of Educational Research
2. Methods of Educational Research – Qualitative and Quantitative
3. Techniques of Data Collection – Questionnaires, Interview schedule, Observations
4. Scaling techniques, Sample & sampling techniques
5. Research Proposal & Report writing

UNIT-V: Statistics in Education

1. Measures of central tendency & dispersion / variability
2. Correlation techniques, Regression an Prediction
3. Normal Probability curve and its Applications – Score transformation
4. Inferential statistics : Parametric tests : t- test and Analysis of variance
5. Inferential statistics : Non- Parametric tests: Chi- Square & Median test

UNIT-VI: Teacher Education Concept and Structure of Teacher Education

1. Meaning, nature and scope of Teacher Education
2. Aims and objectives of teacher education, Historical perspectives of teacher education
3. Recent developments in teacher education – NCF, 2005, NCFTE 2009, NKC 2007 & Verma Commission
4. Teacher Competencies as NCTE, Performance appraisal of teacher, Code of conduct and ethics in teacher education.
5. Pre- Service and In-Service teacher education , teacher education by open and distance learning, quality assurance in teacher education, Role of different agencies in quality assurance (UGC, NCERT, NCTE, SCERT, NAAC, College of education)

UNIT-VII: Curriculum Development

1. Nature & meaning of Curriculum & Stages of curriculum development
2. Bases of Curriculum Development – Philosophical, Sociological and Psychological
3. Principles and Patterns of Curriculum organization
4. Approaches to Curriculum Evaluation & Diagnosis in Curriculum Development
5. Meaning, factors & strategies for curriculum change

UNIT-VIII: Information and Communication Technology in Education

1. Computers in Teaching, learning, research and evaluation
2. Integration of Multimedia in Education
3. Internet applications in Education
4. Management Information System in the field of education
5. Integration of ICT in Educational Research

UNIT-IX: Psychological Testing

1. Psychological testing: Definition, need and importance
2. Historical Perspectives of Psychological testing
3. Types of Psychological testing – Modes (Individual and group) Types (Cognitive, Affective & Psychomotor) Performance (Verbal & Non- Verbal tests)
4. Principles of Psychological testing
5. Assessment of the learner – Intelligence tests, Aptitude tests, Attitude scales & Interest inventories

UNIT-X: Educational Planning Management and Finance

1. Introduction to Administration and management – administration as a process and as a bureaucracy, Human relation approach. TQAR, Role of NAAC
2. Educational supervision, modern trends in Educational management-PERT
3. Educational leadership- Meaning, Nature, Styles and Theories
4. Planning in education: Meaning, Approaches, Types and problems
5. Educational Finance-need, principles, allocation of Budget, cost of education and problems