



ANDHRA UNIVERSITY

TRANS-DISCIPLINARY RESEARCH HUB

FRONTIER AREAS IN THE FIELD OF EDUCATION

UNIT 1. PHILOSOPHICAL FOUNDATION OF EDUCATION

- 1.1. Relationship between Education and Philosophy
- 1.2. Concept, Scope and functions of Philosophy of Education
- 1.3. Impact of modern Philosophical thought on Education
- 1.4. Development and contributions of the different philosophies of Education (Idealism, Realism, Naturalism, Pragmatism)
- 1.5. Educational Views and Contributions of Notable Thinker and Philosophers:
 - Indian Philosophers- Tagore, Vivekananda, Arobindo and Ghandiji
 - Western Philosophers –Plato, Aristotle, Pestalozzi, Rousseau, Froebel, Dewey,

UNIT 2. SOCIOLOGICAL FOUNDATION OF EDUCATION

- 2.1. Relationship between Sociology and Education
- 2.2. The Concept of Sociology of Education (Scope, Function...)
- 2.3. Theories of Sociology of Education (Functionalist, Conflict and Critical)
- 2.4. Education and Social Control
- 2.5. Education and Social Stratification
- 2.6. Education and Social Development

UNIT 3. PSYCHOLOGICAL FOUNDATION OF EDUCATION

- 3.1. The Relation between Psychology and Education
- 3.2. Nature and scope of Educational Psychology
- 3.3. Theories of Learning and Their Implication to Teaching
 - 3.3.1. Cognitive Theories of Learning
 - 3.3.2. Social - Cultural Theories of Learning
 - 3.3.3. Behaviorist Theory of Learning
- 3.4. Active Learning Teaching Methods
- 3.5. Emerging Roles of Teachers

UNIT 4. ECONOMIC FOUNDATIONS OF EDUCATION

- 4.1. Concept, Scope and Significance of Economics of Education
- 4.2. The Benefits of Education
- 4.3. Education-Consumption and Investment Views and The Market Forces
- 4.4. Approaches in Economics of Education & Cost-Benefit Analysis in Education
- 4.5. Measurements of Educational Returns
- 4.6. Productivity and Efficiency of Educational Systems

UNIT 5. CURRICULUM DEVELOPMENT

- 5.1. The Concept and Foundations of Curriculum
- 5.2. The Concept of Curriculum Development (Stages and Components...)
- 5.3. Curriculum Planning and Implementation
- 5.4. Curriculum Evaluation and Review
- 5.5. Curriculum Development of Primary, Secondary and Post-Secondary Education
- 5.6. Curriculum Development in Language, Mathematics, Science and Social Science

UNIT 6. EDUCATIONAL MEASUREMENT AND EVALUATION

- 6.1. The Concept and Function of Measurement and Evaluation in Education
- 6.2. Types of Measurement and Evaluation and their Purposes
- 6.3. Management of Measurement and Evaluation in Education
- 6.4. Quality Control of Measurement and Evaluation in Education

UNIT 7. EDUCATIONAL MANAGEMENT

- 7.1 Foundations, Concept and Principles of Educational Management
- 7.2 Resource Management & Development in Education
- 7.3 Competencies of Leadership in Educational Organization
- 7.4 Educational Supervision
- 7.5 Management of Change and Innovation in Education (TQM, BPR)
- 7.6 Management of Educational Programs and Projects (Application of PERT, CPM..etc)

Unit 8. SPECIAL EDUCATION

- 8.1 Nature and Needs of Visual Impairment
- 8.2 Nature and Needs of Hearing Impairment
- 8.3 Nature and Needs of Mental Retardation
- 8.4 Nature and Needs of Leprosy Cured, Neurological and Locomotory Disabilities
- 8.5 Nature and Needs of Learning Disabilities
- 8.6 Nature and Needs of Multiple Disabilities and Various Combinations

Unit 9. ADULT AND CONTINUING EDUCATION

- 9.1 Foundations of Adult and Continuing Education
- 9.2 Non-formal and Life- Long Learning
- 9.3 Distance Education and Online learning
- 9.4 Environmental and Population Education
- 9.5 Human Right and Democracy Education

UNIT 10. GLOBALIZATION, ICT AND EDUCATION

- 10.1 Nature and Characteristics of Globalization
- 10.2 Challenges and Benefits of Globalization on Education
- 10.3 Intervention Strategies and Approaches to Globalization on Education
- 10.4 ICT in Education
- 10.5 Integration of Multimedia in Education

REFERENCES

1. Brubacher John S(1983), Modern Philosophies of Education, Tata McGraw-Hill Publishing Company, Ltd., New Delhi.
 2. Cahn Steven M., (1970) The Philosophical Foundations of Educations, Harper & Row, Publishers: New York.
 3. Chaube S.P, (1993). Educational Philosophies in India, Vikas publishing House Pvt. Ltd., Bombay.
 4. Connor, DJC, (1975). An Introduction to the Philosophy of Education: Routledge & Kegan Paul, London.
 5. Hirst Paul H., (1983). Educational Theory and its Foundation disciplines, RKP: London.
 6. Patrick G T W, (1978). Introduction to Philosophy, Surjeet Publications, New Delhi.
- Reid Louis Arnold, (1973). Philosophy and Education: An Introduction, Heineman Educational Books, London



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MODEL QUESTION PAPER

FRONTIER AREA OF KNOWLEDGE IN EDUCATION

Time: 3 hr

Max.Marks:100

Answer any FIVE QUESTIONS from the following
All questions carry equal marks

1. Explain the relation between philosophy and education, compare & contrast educational views of Idealism and naturalism?
2. Explain the concept of sociology of education. Discuss the education and social stratification?
3. Define Educational Psychology and Explain its Nature and Scope?
4. What are the concept, scope and significance of Economics of Education? Explain the benefits of Education?
5. Explain the concept of Curriculum? What are the stages and components in Curriculum Development?
6. What is the Measurement and Evaluation? Explain different types of Measurement and Evaluation and their purpose?
7. Define Educational Management and Explain “POSDCARB” concept.
8. Discuss the nature and needs of any three of the following?
 - a) Visual Impairment
 - b) Hearing Impairment
 - c) Mental Retardation
 - d) Learning Disabilities
 - e) Multiple Disabilities
9. What is Adult and Continuing Education? Explain Non-formal and Life-Long Education
10. What is ICT and Explain importance of ICT in education