

**SYLLABUS FOR THE SUBJECT OF EDUCATION
PAPER -I**

Total Marks: 100

1. Education in Pakistan

- 1.1 History of Education in Pakistan
- 1.2 Aims of Education
- 1.3 System of Education in Pakistan
- 1.4 Educational Policies and Development Plans
 - 1.4.1 All Pakistan Education Conference 1947
 - 1.4.2 National Commission on Education 1959
 - 1.4.3 The Education Policy 1972-1980
 - 1.4.4 National Education Policies: 1979, 1992, 1998-2010, 2006.
 - 1.4.5 Various development plans
- 1.5 Roles and Responsibilities in Education
 - 1.5.1 Role of Public Sector in Education
 - 1.5.2 Role of Private Sector in Education
 - 1.5.3 Role of NGOs and philanthropists in Education
 - 1.5.4 Role of foreign donor agencies in Education
 - 1.5.5 Role of various stakeholders in Education
 - 1.5.6 Role of Globalization in Education

2. Foundation of Education

- 2.1 Educational Process
- 2.2 Role of education in
 - 2.2.1 Nation Building
 - 2.2.2 National cohesion and integration
 - 2.2.3 Character building
 - 2.2.4 Human resource development
 - 2.2.5 World peace and prosperity
- 2.3 Philosophical Foundations of Education
- 2.4 Psychological Foundations of Education
- 2.5 Sociological Foundations of Education
- 2.6 Islamic Concept of Education

3. Curriculum Development and Implementation

- 3.1 Elements of Curriculum.
- 3.2 Foundations of Curriculum. Philosophical Foundations; Psychological Foundations; Sociological Foundations; Economic Foundations and Technological Foundations.
- 3.3 Relationship of Education and Curriculum

- 3.4 Curriculum Development Process
 - 3.4.1 Need Assessment
 - 3.4.2 Formulation of Aims and Objectives Taxonomies of Educational Objectives
 - 3.4.3 Selection of Content
 - 3.4.4 Development of Curricular Materials
 - 3.4.5 Selection of Teaching-Learning Strategies
 - 3.4.6 Implementation of the Curriculum
 - 3.4.7 Evaluation of Curriculum
- 3.5 Process of Curriculum Development in Pakistan
- 3.6 Process of Development of Test books and National Textbook Policy

4. Learning and the Process of Learning

- 4.1 Principles of Growth and Development
- 4.2 Types of Development: Cognitive; Moral; Emotional; Social
- 4.3 The process of Learning
- 4.4 Theories of Learning
 - 4.4.1 Behaviouristic theories: Classical Conditioning; Operant Conditioning
 - 4.4.2 Cognitive Theories: Jean Piaget's Theory; David Ausubel's Theory; Robert Gagne's Theory
- 4.5 Factors affecting Learning

5. Process of Teaching and Teaching Strategies

- 5.1 Process of Classroom Communication
- 5.2 Factors affecting Classroom Communication
- 5.3 Barriers to Classroom Communications
- 5.4 Use of Instructional Materials and Media
 - 5.4.1 Role of Instructional Material and Media
 - 5.4.2 Audio-Materials: Radio and Tape-Recorder
 - 5.4.3 Visual Materials: Various Boards, Charts, Models, Posters
 - 5.4.4 Projected Materials: Opaque, Overhead, Slide, Filmstrip, Multimedia
 - 5.4.5 Non-Projected Materials
 - 5.4.6 Motion Pictures, T.V., Computer
- 5.5 Information and Communication Technologies (ICTs)

PAPER- II

Total Marks: 100

1. Philosophy of Education

- 1.1 Scope of Philosophy
- 1.2 Western Schools of General Philosophy
 - 1.2.1 Idealism
 - 1.2.2 Realism
 - 1.2.3 Naturalism
 - 1.2.4 Pragmatism
 - 1.2.5 Existentialism
- 1.3 Schools of Educational Philosophy
 - 1.3.1 Perennialism
 - 1.3.2 Essentialism
 - 1.3.3 Progressivism
 - 1.3.4 Reconstructionism
- 1.4 Thoughts of Muslim Philosophers: Imam Ghazali; Ibne-Khaldun; Shah Waliullah; Sir Syed Ahmad Khan; Allama Iqbal

2. Educational Assessment and Evaluation

- 2.1 Concept of Classroom Assessment and Evaluation
- 2.2 Distinction between Assessment, Evaluation and Measurement
- 2.3 Approaches to Evaluation: Formative Evaluation; Summative Evaluation
- 2.4 Types of Tests: Essay Type; Objective Type: Multiple Choice, True-False Items, Matching Type; Principles of Construction of these Tests
- 2.5 Achievement Tests
- 2.6 Standardized Tests
- 2.7 Characteristics of a Good Test: Validity, Reliability, Objectivity, Usability

3. Comparative Education

- 3.1 History of Comparative Education
- 3.2 Development of Comparative Education
- 3.3 Purposes of Comparative Education: Intellectual; Planning; Practicability; Educational Problems in World Perspective; Innovation; International Understanding

- 3.4 Factors of Comparative Education: Economic Factor ; Racial Factor; Linguistic Factor; Philosophical Factor; Moral Factor; Religious Factor
- 3.5 Methods of Comparative Education: Descriptive; Historical; Sociological; Qualitative; Analytical; Synthesis
- 3.6 Comparative Systems of Education in Selected Countries USA, UK, Japan, Canada, China, India, Malaysia, Pakistan
- 3.7 Issues and Problems of Education in Pakistan related to: relevance; Access; Equity; Quality; Human Resources; Financial Resources; Madrassa Education; Medium of Instruction.

4. Research Methods in Education

- 4.1 Scientific Method and its Application in Education
- 4.2 Sampling Techniques
 - 4.2.1 Probability Sampling Techniques: Random Sampling; Stratified Sampling; Cluster Sampling
 - 4.2.2 Non-Probability Sampling Techniques: Systematic Sampling; Convenience Sampling; Purposive Sampling;
- 4.3 Research Instruments: Questionnaire; Interview; Tests; Observation; Rating Scale
- 4.4 Types of Research: Basic/Applied Research; Historical Research; Descriptive Research; Correlation Research; Causal-Comparative Research; Experimental Research; Action Research; Qualitative and Quantitative Research
- 4.5 Research Proposal and Report
 - 4.5.1 Preparing a Research Proposal
 - 4.5.2 Writing a Research Report
 - 4.5.3 Distinction between a Research Proposal and a Report.

5. Educational Administration and Supervision

- 5.1 The Concept of Administration
 - 5.1.1 Process of Administration
 - 5.1.2 Relationship between Administration and Supervision
- 5.2 Educational Planning and Organization in Pakistan
 - 5.2.1 Organizational Pattern of Education in Pakistan
 - 5.2.2 Role of Federal Ministry of Education
 - 5.2.3 Role of Provincial Ministry and its Various Agencies
 - 5.2.4 Educational Statistics and its Role in Planning
 - 5.2.5 Financing Education in Pakistan
 - 5.2.6 Educational Administration Under Devolution Plan

- 5.3 Approaches to Educational Administration: Democratic; Authoritarian; Laissez-faire
- 5.4 Function of Administration
 - 5.4.1 Leadership in Improvement of Educational Institution
 - 5.4.2 Leadership in Improvement of Staff in Educational Institution
 - 5.4.3 Leadership in Parents and Community Relations
 - 5.4.4 Leadership in improving the Educational Programme
 - 5.4.5 Leadership in the Evaluation of Educational Institution
- 5.5 Educational Supervision
 - 5.5.1 Process of Supervision
 - 5.5.2 Importance of Supervision
 - 5.5.3 Principles of Supervision
- 5.6 Agencies and Organizations promoting Education in Pakistan
 - 5.6.1 National Commission for human development (NCHD)
 - 5.6.2 National Technical and Vocational Education Authority (NTVEA)
 - 5.6.3 Higher Education Commission (HEC)

RECOMMENDED BOOKS:

1. Ornstein. *Foundations of Education* 9th ed. 2006.
2. Fraenkel. *How to Design and Evaluate Research in Education* 6th ed. 2006.
3. Briggs. *Managing Effective Learning and Teaching* 2006.
4. Dennis. *Child Psychology & the Teacher*, 7th edition. 2004.
5. JW Best. *Research in Education*, 7th edition. 2004.
6. AV Kelly. *The Curriculum Theory & Practice*, 5th edition. 2004
7. Roblyer. *Integrating Educational Technology into Teaching*, 2nd ed. 2000
8. J.E. Cohen. *Educating All Children – A Global Agenda*. 2006.
9. Robert L. Ebel. *Essential Educational Measurement*, Prentice Hall. 1991.
10. Louis Cohen. *Research Methods in Education*, Routledge. 2007
11. Bloom, B.S., Hastings, J.T., & Madaus, G.F. (1971). *Handbook on formative and summative evaluation of student learning*; New York: McGraw-Hill.
12. Gagne, R.M. (1974). *Essentials of learning for instruction*. New York: Deyden Press.
13. Goodlad, J.I., & Associates. (1979). *Curriculum Inquiry: The study of curriculum practice*. New York: McGraw-Hill.
14. Hass, G. (1987). *Curriculum Planning: A new approach* (5th ed.). Boston: Allyn & Bacon.
15. Saylor, J.G., Alexander, W.M., & Lewis, A.J. (1981). *Curriculum Planning for better teaching and learning*. (4th ed.). New York: Holt, Rinehart & Winston.
16. Slavin, Robert, *Educational Psychology, Theory and Practice*, 7th ed. Boston: Allyn and Bacon, 2003.

17. Woolfolk, Anita, *Educational Psychology*, 9th ed. Boston: Allyn and Bacon, 2005.