



**JSPM UNIVERSITY PUNE**



# SYLLABUS



**Research Program Entrance Test**

# **Subject Concerned Syllabus Education**

## **I. Philosophical Foundation of Education**

Relationship of Education and Philosophy

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 Contributions of Vivekananda, Tagore, Gandhi and Aurobindo to educational thinking National values as enshrined in the Indian Constitution, and their educational implications

Modern concept of Philosophy : Analysis—Logical analysis, Logical empiricism and Positive relativism -( Morris L.Prigge)

### **1. Sociological Foundations of Education :**

- Relationship of Sociology and Education
- Meaning and nature of Educational sociology and Sociology of education
- Education- as a social sub-system—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 castes, women and rural population

## 2. **Meaning and nature**, Education and Social change, constraints on social change (caste, ethnicity, class, language, religion, population and regionalism)

Education as related to social equity and equality of educational opportunities Education of socially and economically disadvantaged section of society with special reference to scheduled castes and scheduled tribes, women and rural population

## 3. **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 an environment; implications of individual differences for organizing educational programmes
- 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

- 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

## 2. **Concept and principles of guidance and counseling, types of guidance and counselling**

Tools and Techniques of Guidance—records. scales and tests, techniques.interview

Organizing Guidance services at different levels of education, occupational information, kinds of services, like information, testing, counselling and Follow -up.

### 3. Universalization of elementary education in India Vocationalization of education in USA and India

Educational administration in USA, UK (Britain and Ireland) and India Distance education and continuing education in Australia, UK and India

### 4. Construction and Development of Curriculum

- different models
- administrative
- grass root
- demonstration
- system analysis

### Curriculum Evaluation

- formative
- summative
- interpretation of evaluation results

### 5. Development of Modern Concept of Educational Administration from 1900 to Present-day

- Taylorism
- Administration as a process
- Administration as a bureaucracy
- Human Relations Approach to Administration

Meeting the Psychological needs of employees, systems approach specific trends in Educational Administration as (a) Decision making, (b) Organizational Compliance, (c) Organizational Development, (d) PERT, (e) Modern Trends in Educational Management.

Leadership in Educational Administration : Meaning and Nature of Leadership Theories of Leadership

Styles of Leadership Measurements of Leadership

Educational Planning

Meaning and Nature

Approaches to Educational Planning

Perspective Planning Instructional Planning Educational

Supervision

Meaning and Nature

Supervision as service activity Supervision as a process Supervision as functions  
Supervision educational leadership Modern supervision  
Functions of supervision  
Planning the supervisory programme Organizing supervisory programme Implementing  
supervisory programme

## **6. 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

Measurement of achievement, aptitudes, intelligence, attitudes, interests and skills  
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

## **7. 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

Modalities 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, teaching machines. computer assisted instruction

Models of Teaching : Concept, different families of teaching models Designing Instructional System

- formulation of instructional objectives
- task analysis
- designing of instructional strategies, such as lecture,

team teaching discussion, panel discussion, seminars and tutorials

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

Development of Evaluation Tools—Norm-referenced and criterion-referenced tests

## **8. Concept and nature of special education**

- objective 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 physically 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 programmes

#### 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 adiction
  - anti-social and character disorder
  - educational programmes for Rehabilitation

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

#### National Policy on Education

Aims and objectives of teacher education at—

- elementary level
  - secondary level
  - college level
- #### Teaching as a Profession :

Professional organizations for various levels of teachers and their role;

performance appraisal of teachers

Faculty improvement programme for teacher education

Types of teacher education programmes and agencies : Inservice teacher education

Preservice teacher education

Distance education and teacher education Orientation and refresher courses

Current Problems .

Teacher education and practicing schools Teacher education and other institutions

Preparing teachers for special schools

Implementation Of curricula of teacher education Areas of Research .

Teaching effectiveness Criteria of admission

Modification of teacher behaviour School effectiveness