

**DEPARTMENT OF EDUCATION  
FACULTY OF SOCIAL SCIENCES  
A.M.U., Aligarh.**

**Syllabus for Ph.D. Admission Test 2020-21**

**Section- B**

**Philosophical, Sociological and Psychological foundations of Education**

. Meaning and function of philosophy and sociology of Education, National values enshrined in the Indian constitution and their educational implications. Idealism, Naturalism pragmatism, Realism and their education implications.  
· Society- its structure, social stratification and social mobility.  
· Concept of culture, culture and social change.  
· Meaning and importance of Psychology Personality and its assessment, Maslow's theory of personality, theories of Intelligence with special reference to Guilford's model of intellect. Behaviouristic Theories of learning and Theories of Transfer of learning.

**Educational Measurements and Evaluation**

1. Meaning, definition and concept of measurement, scales of measurement (nominal, ordinal, interval and ratio)
2. Meaning, definition and concept of evaluation, types of evaluation (placement, formative and summative, norm reference and criterion reference, diagnostic)
3. Characteristics of a good test (reliability, validity and usability , relationship between reliability and validity)
4. Construction of test items, various types of test items and their analysis, procedure of item analysis technique
5. Examinations (annual system, semester system, terminal system, internal assessment)
6. Marking and grading system, cumulative grade point assessment
7. Major Objectives of Assessment (cognitive, affective and psychomotor domain)
8. Assessment for learning and assessment of learning
9. Tools and their types (rating scales, attitude scale, questionnaire, aptitude test, achievement test and inventory)
10. Techniques of data collection (observation, interview and projective techniques).

**Guidance and Counselling.**

1. Concept, Needs and Principles of Guidance & Counselling.
2. Functions of Guidance at Elementary, secondary and university stages.
3. Types of Guidance: Educational, Vocational and Social.
4. Directive, Non-directive and Eclectic counselling.
5. Tools and Techniques of Guidance & Counselling.
6. Group Guidance Techniques.
7. Characteristics and Responsibilities of the Counsellor.
8. Theories of Vocational Guidance.
  - Ginzberg's Theory
  - Holland's Theory
  - Super's Theory
9. Organization and Administration of Guidance and Counselling.
10. Research Trends and Evaluation of Guidance and Counselling.

### **Educational Administration, planning and Finance.**

1. Meaning, Concept, Scope, Importance, objectives and type of educational administration. Features of planning and finance.
2. Sources of finance in Education.
3. Educational Planning in five years plans.
4. Different steps of educational Planning, planning and administration in Distance Education.
5. Meaning of Economics of Education, Human Capital.
6. Approaches of Manpower planning.
7. Taylorism, Administration as bureaucracy, human Relations Approach to Administration, Meaning , Nature, Theories and Styles of Leadership, Meaning, Nature and functions of Supervision. Criteria of preparing an Ideal time-table.

### **Education of Children with Special Needs.**

1. Concept of Special Education.
2. Trends in Special Education.
3. Important legislation with Special reference to India.
4. Education of Visually disabled children.
5. Education of Hearing impaired children.
6. Education of Gifted & Creative children.
7. Education of Children with mental retardation.
8. Education of Children with learning disabilities.
9. Education of Children with Orthopedic disability, Education of Juvenile delinquents.

### **Educational Technology and Computer Applications.**

1. Meaning, definitions, scope and classification of Educational Technology.
2. Hardware and software.
3. Basic Concept of programming: Linear and Branching.
4. Promoting and development of programmed material.
5. Phases of Teaching: Pre-active, interactive and Post-active phases.
6. Levels of teaching (Herbert's approach).
7. Families of teaching models.
8. Flander's verbal interaction model.
9. Use of Computer technology in education.
10. Net-working, internet, e-mail and their uses.