



GOVERNMENT OF TAMILNADU

**DIRECT RECRUITMENT FOR THE
POST OF POST GRADUATE ASSISTANTS /
PHYSICAL EDUCATION DIRECTORS – GRADE-I**

SYLLABUS

2025-2026



State Council of Educational Research and Training

Chennai - 600 006.

SUBJECT : EDUCATION

SYLLABUS

Unit I

PERSPECTIVES OF EDUCATION

Pre-primary Education – Universalisation of Elementary Education (UEE) – Primary Education – Equalization of Education opportunities – Secondary and Higher Education – SSA, RMSA, Samagra Shiksha, RUSA – Uniform Pattern of Education – RTE Act, 2009 – Formal, Non-formal and In-formal – Enrolment, Stagnation, Dropouts - Functional Literacy Programme – Open Schooling – Delinking degrees from employment — Brain drain Vocationalisation of Education – Skill Development.

Education of the Socially Disadvantaged Groups: Tribal, Scheduled and Marginalized groups – Special and Diverse needs of learners – Inclusive education – Universal Design of Learning - Barriers in Education – Challenges in affordability and accessibility of Education – Commissions and Committees in Education (Pre-Independence, Post-Independence) - Constitutional Provisions - Socialism, Secularism, Democracy, Sovereign and Egalitarian State - Central and State Government Policies related to Education.

Unit II

PHILOSOPHICAL AND SOCIOLOGICAL FOUNDATIONS OF EDUCATION

Philosophical bases of Education – Metaphysics, Ontology, Epistemology, Axiology – Schools of thought: Idealism, Naturalism, Realism, Pragmatism – Propounding Indian Philosophers (Gandhiji, Tagore, Vivekananda, J.Krishnamurti, Aurobindo) and Western Philosophers (Plato, Russell, Pestalozzi, Rousseau, Froebel, Montessori, Dewey) in Education – Innovations emerged from experiments in education.

Sociological bases of Education – Socialization, Social Stratification, Mobility, Social Justice & Social Change – Sociologists (Auguste Comte, Max Weber, Marx, Durkheim, Spencer, Paulo Freire) – Education for International and National understanding – Peace, Value and Environmental Education – Liberalization, Privatization and Globalization in Education - UN-Sustainable Development Goals (SDGs) – Physical and Health Education – Gender perspectives in Education.

Unit III**HISTORY AND CULTURE OF TAMIL NADU**

Historical development, Role of Social and Political movements in Education – Initiatives for development: Establishment of State Universities and Educational Infrastructure – Developmental aspects: Professional Education (Medical, Engineering, Law, Teaching, Physical and Sports), Liberal Arts, Social Sciences and Humanities — Tamil Literature, Tradition & Culture: Art & Architecture – Historical sites – Ethnic groups of Tamil Nadu – Freedom fighters & Women leaders of social transformation of Tamil Nadu.

Unit IV**CHILDHOOD & ADOLESCENCE**

Psychology of Childhood & Adolescence – Stages of development (Early & Later childhood & Adolescence) – Adolescent characteristics - Dimensions of development (Cognitive, Physical, Psycho-Social, Emotional, Language, Moral) – Theories: Piaget, Bruner, Erik Erickson, Daniel Goleman, Kohlberg) – Developmental tasks and mental abilities – Individual differences – Understanding Learners (Slow and Late-bloomers, Children with Special Needs (CWSN) – Programmes for Diverse learners (Differentiated, Mediated, Remedial & Enrichment)

Unit V**LEARNING AND TEACHING**

Learner, Learning Process and Learning characteristics – Factors contributing to learning: Biological, Psychological, Socio-economic & Cultural - Memory, Remembering and Forgetting – Learning Curve – Paradigms: Behaviourism, Cognitivism, Constructivism, Humanism, Connectivism - Theories of Learning: Trial & Error (Thorndike), Classical Conditioning (Pavlov), Operant Conditioning (Skinner), Insight (Wolfgang Kohler), Gestalt theory – Transfer of learning.

Significance of Language in understanding curriculum and subjects – Psycholinguistic - Types of Learning – Micro-Teaching: Skills & Components – Lesson Planning – Learning Styles: Visual, Auditory, Kinesthetic and Reading - Teaching styles: Autocratic and Permissive – Teaching approaches: Teacher and Student centered, Hybrid approaches – Outcome Based Education – Methods of Teaching (Inductive, Deductive, Analytic, Heuristic, Project) – Models of Teaching: Concept Attainment, Advanced-Organizers, Inquiry-Training) – Teacher Attributes – Teacher autonomy and accountability.

Unit VI**INTELLIGENCE & PERSONALITY**

Psychological attributes: Cognitive abilities, Attention, Interest, Motivation, Aptitude & Attitude, Value systems, Maslow's hierarchical theory of Human Needs – Achievement Motivation - Intelligence Basics & Theories (Single, Two-factor, Triarchic, Group-Factor, Multi-Factor, Guilford's Structure of Intellect, Gardner's Multiple Intelligence and Emotional Intelligence) – Creativity and Intelligence – IQ & EQ – Assessment of Intelligence – Understanding Learning difficulties and Learning disabilities (Dyslexia, Dyscalculia, Dysgraphia, Dyspraxia)

Personality – Trait theories: Allport , R.B.Cattell, Eysenck, Type: Hippocrates, Krestchmer, Sheldon, Carl Jung, Spranger – Assessment of Personality – Mental Health & Mental Hygiene : Conflict & Frustration, Unrest – Adjustment: Defense mechanisms – Guidance and Counselling .

Unit VII**EDUCATIONAL EVALUATION**

Test, Measurement, Assessment & Evaluation – Principles of Evaluation - Characteristics of Test: Objectivity, Reliability, and Validity – Types: Formative, Summative, Norm and Criterion Referenced Test — Scholastic & Non-Scholastic - Achievement Test – Diagnostic and Prognostic Tests – Continuous and Comprehensive Evaluation - Standardization of an achievement test - Table of weightages, Blue Print, Preparation of Question Paper, Scoring key, Item analysis (Index of Difficulty & Discrimination), Reliability – Tools for assessment: Observation, Interview, Portfolio, Rubrics, Peer-Reviews, Checklists, Rating Scales.

Unit VIII**MANAGEMENT & ADMINISTRATION**

Principles of Management – Structure of Educational management (Central, State & Local levels) – Personnel, Material and Financial management: Functions (POSDCORB) - SWOC Analyses in Educational Administration – Total Quality Management (TQM) – Assessment and Accreditation of Educational Institutions – Leadership theories and styles – Role of Administrators, School Heads, Teachers and Stakeholders in Planning and Administration.

Unit IX**CURRICULUM DESIGN AND DEVELOPMENT**

Principles of Curriculum, Curriculum patterns (Teacher, Learner, Problem, Subject, Activity/Experience, Broad-field) – Types (Core, Competency-Based, Null, Hidden, Rhetoric) – Approaches to Curriculum Organisation (Topical,

Spiral, Logical, Psychological, Unitary & Integrated) – Curriculum Development process - Models of Curriculum (Ralph Tyler, Wheeler, Hilda Taba, Stufflebeam) – Curriculum Evaluation.

Unit X

INSTRUCTIONAL AND EDUCATIONAL TECHNOLOGY

Bloom's and Revised Taxonomy of Educational Objectives - Levels of Teaching (Memory, Understanding & Reflective) – Instructional designing – Programmed learning (Principles, Types: Linear, Branched) – Systems approach – ADDIE Model - Cybernetics – TPACK - FOSS- OER – MOOCs - Learning Management Systems (LMS) - Smart Classroom, Blended Learning, Flipped Learning – Augmented Reality - Virtual Modes (O-labs, Classrooms, Library) – Virtual Reality – AI in Education.