Teachers Eligibility Test - Paper 1

(i) Child Development and Pedagogy

(Relevant to Age Group 6 - 11)

Part (A): Child Development

Unit-I: The Children's Profile at the Beginning of Primary Education—Physical and Cognitive.

Trends in physical growth—Hormonal influences on physical growth—Development of neurons Symbolic thinking and limits of logic—Sensory motor stage-Pre operational stage-Language Development—Influence of home environment, attitude of family members on cognitive development of the child-Identity status and psychological well being.

Unit-II: The Children's Profile at the Beginning of Primary Education—Social and Emotional.

Self concept and Social Awareness—Sibling relationships—Peer relationship and play—Self awareness—Cultural influence on self-concept-corresponding stages of Erickson's Psycho-social development Emotional development in a Social context affection- sympathy-laughter-anger, sadness, fear-Parent-child relationship-Emotional well being emotion and health.

Unit-III: Physical & Intellectual Development during Primary School Years (6 to 10 Years)

Physical growth cycles-Body proportions-Muscles and fat-Capacity for attention and concentration-Selective attention-Memory strategies-processing speed and capacity-Thinking skills. Cognitive development. Concrete operational stage-Piaget's tasks-concept of intelligence as a mental ability. Development of mental/intellectual abilities. Intelligence tests-Creativity in primary school Children.

Unit-IV: Social and Emotional Development during Primary School Years (6 to 10 Years)

Meaning of social development-social expectations-Children's Friendships-factors in friendship and choices of companions social acceptance-the desire to belong-peer grouping-Effects of schooling on social, emotional, and cultural spheres-Pattern of emotional development-common emotional patterns-the role of maturation and-learning in emotional development how children develop likes and dislikes to subjects, teachers, school, other students-emotional balance impact of media on emotional development.

Unit-V: Moral Development during Primary School Years (6 to 10 Years)

Meaning of moral development-factors in moral training of children-Honesty-Generosity-Children's heroes and ideals-Meaning of discipline-essentials of discipline-media and their influences on moral development.

Part (B): Learning.
Unit-I: Learning.

Dynamic internal process-connecting old knowledge to new information-language learning-acquiring learning habits-learning to adapt to diverse situations in life-Nature of learning-learning through interactions.

Unit-II: Types, levels and approaches to Learning.

Types of learning-Learning Hierarchy-signal learning stimulus-response learning-Motor and verbal chain learning-Multiple discriminations concept learning-Learning rules and problem-solving. Learning Levels from imprint to intuition- examples of learning at different levels. Approaches-Behaviourist-cognitivist and constructivist.

Unit-III: Concepts and constructs.

Concepts and constructs-concept-formation-Use of materials activities, scheme pictures, real life experiences-construct mental representations of

external reality-connecting ideas generated by students due to exposure to peers, media and community-concept mapping.

Unit-IV: Factors Contributing to Learning.
Personal psychological, social, emotional factors and school related factors, Learning style; teaching strategies; media; technology;
1. Teaching Learning Process
2. Teacher's personality traits.

Unit-V: Constructivist Approach to Learning.
Learners construct knowledge for themselves-constructing meaning is learning-focus on the learner not on the lesson taught- Personal and social construction of meaning-Learning to Learn making meaning Learning, a social activity-ZPD.

Unit-VI: Learning and Knowledge
Active learner-Nurturing learners' active and creative activities children's voices and experiences-integrating their experiences with School Knowledge-Right to learn-Physical and emotional security for learning. Conceptual development-continous process-All children capable of learning-important aspects of learning-various ways of learning-Cognitive readiness for learning-Learning in and outside the school-knowledge and understanding-recreating knowledge-manifesto for learning.