

# CTET Syllabus for Paper I

## CTET Syllabus for Paper I (For Classes I to V) Primary Stage

I. Child Development and Pedagogy	IV. Mathematics
II. Language – I	V. Environmental Studies
III. Language – II	-

### I. Child Development and Pedagogy Syllabus: 30 Questions

#### a) Child Development (Primary School Child): 15 Questions

- Concept of development and its relationship with learning
- Principles of the development of children
- Influence of Heredity & Environment
- Socialization processes: Social world & children (Teacher, Parents, Peers)
- Piaget, Kohlberg and Vygotsky: constructs and critical perspectives
- Concepts of child-centered and progressive education
- Critical perspective of the construct of Intelligence
- Multi-Dimensional Intelligence
- Language & Thought
- Gender as a social construct; gender roles, gender-bias and educational practice
- Individual differences among learners, understanding differences based on diversity of language, caste, gender, community, religion etc.
- Distinction between Assessment for learning and assessment of learning; School-Based Assessment, Continuous & Comprehensive Evaluation: perspective and practice
- Formulating appropriate questions for assessing readiness levels of learners; for enhancing learning and critical thinking in the classroom and for assessing learner achievement.

### **b) Concept of Inclusive education and understanding children with special needs: 5 Questions**

- Addressing learners from diverse backgrounds including disadvantaged and deprived
- Addressing the needs of children with learning difficulties, 'impairment' etc.
- Addressing the Talented, Creative, Specially abled Learners

### **c) Learning and Pedagogy: 10 Questions**

- How children think and learn; how and why children 'fail' to achieve success in school performance.
- Basic processes of teaching and learning; children's strategies of learning; learning as a social activity; social context of learning.
- Child as a problem solver and a 'scientific investigator'
- Alternative conceptions of learning in children, understanding children's 'errors' as significant steps in the learning process.
- Cognition & Emotions
- Motivation and learning
- Factors contributing to learning – personal & environmental

## **II. Language I Syllabus: 30 Questions**

### **a) Language Comprehension: 15 Questions**

- Reading unseen passages – two passages one prose or drama and one poem with questions on comprehension, inference, grammar and verbal ability (Prose passage may be literary, scientific, narrative or discursive)

### **b) Pedagogy of Language Development: 15 Questions**

- Learning and acquisition
- Principles of language Teaching
- Role of listening and speaking; function of language and how children use it as a tool
- Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form
- Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders Language Skills
- Evaluating language comprehension and proficiency: speaking, listening, reading and writing
- Teaching- learning materials: Textbook, multi-media materials, multilingual resource of the classroom Remedial Teaching

### III. Language II Syllabus: 30 Questions

#### a) Comprehension: 15 Questions

- Two unseen prose passages (discursive or literary or narrative or scientific) with question on comprehension, grammar and verbal ability

#### b) Pedagogy of Language Development: 15 Questions

- Learning and acquisition
- Principles of language Teaching
- Role of listening and speaking; function of language and how children use it as a tool
- Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form; Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders

#### Language Skills

- Evaluating language comprehension and proficiency: speaking, listening, reading and writing
- Teaching – learning materials: Textbook, multi-media materials, multilingual resource of the classroom Remedial Teaching

### IV. Mathematics Syllabus: 30 Questions

#### a) Content: 15 Questions

- Geometry
- Shapes & Spatial Understanding
- Solids around Us
- Numbers
- Addition and Subtraction
- Multiplication
- Division
- Measurement
- Weight
- Time
- Volume
- Data Handling
- Patterns

- Money

#### **b) Pedagogical issues: 15 Questions**

- Nature of Mathematics/Logical thinking; understanding children's thinking and reasoning patterns and strategies of making meaning and learning
- Place of Mathematics in Curriculum
- Language of Mathematics
- Community Mathematics
- valuation through formal and informal methods
- Problems of Teaching
- Error analysis and related aspects of learning and teaching
- Diagnostic and Remedial Teaching

### **V. Environmental Studies Syllabus: 30 Questions**

#### **a) Content: 15 Questions**

##### **I. Family and Friends:**

- Relationships
- Work and Play
- Animals
- Plants

##### **II. Food**

##### **III. Shelter**

##### **IV. Water**

##### **V. Travel**

##### **VI. Things We Make and Do**

#### **b) Pedagogical Issues: 15 Questions**

- Concept and scope of EVS
- Significance of EVS, integrated EVS
- Environmental Studies & Environmental Education
- Learning Principles
- Scope & relation to Science & Social Science
- Approaches of presenting concepts

- Activities
- Experimentation/Practical Work
- Discussion
- CCE
- Teaching material/Aids
- Problems