

## **CTET Syllabus CVA (Paper I and Paper II)**

### **Paper I (for classes I to V) Primary Stage**

#### **I. Child Development and Pedagogy 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 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 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 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
- ☐ Evaluation through formal and informal methods
- ☐ Problems of Teaching
- ☐ Error analysis and related aspects of learning and teaching
- ☐ Diagnostic and Remedial Teaching

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

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

- i. Family and Friends:
  - 1.1 Relationships
  - 1.2 Work and Play
  - 1.3 Animals
  - 1.4 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

## **Paper II (for classes VI to VIII) Elementary Stage**

### **I. Child Development and Pedagogy 30 Questions**

#### **a) Child Development (Elementary 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 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 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 and Science 60 Questions**

### **(i) Mathematics 30 Questions**

#### **a) Content 20 Questions**

##### **☐ Number System**

- ☐ Knowing our Numbers
- ☐ Playing with Numbers
- ☐ Whole Numbers
- ☐ Negative Numbers and Integers
- ☐ Fractions

##### **☐ Algebra**

- ☐ Introduction to Algebra
- ☐ Ratio and Proportion

☐ **Geometry**

- ☐ Basic geometrical ideas (2-D)
- ☐ Understanding Elementary Shapes (2-D and 3-D)
- ☐ Symmetry: (reflection)
- ☐ Construction (using Straight edge Scale, protractor, compasses)

☐ **Mensuration**

☐ **Data handling**

**b) Pedagogical issues 10 Questions**

- ☐ Nature of Mathematics/Logical thinking
- ☐ Place of Mathematics in Curriculum
- ☐ Language of Mathematics
- ☐ Community Mathematics
- ☐ Evaluation
- ☐ Remedial Teaching
- ☐ Problem of Teaching

**(ii) Science 30 Questions**

**a) Content 20 Questions**

☐ **Food**

- ☐ Sources of food
- ☐ Components of food
- ☐ Cleaning food

☐ **Materials**

- ☐ Materials of daily use

☐ **The World of the Living**

☐ **Moving Things People and Ideas**

☐ **How things work**

- ☐ Electric current and circuits
- ☐ Magnets

☐ **Natural Phenomena**



**☐ Natural Resources**

**b) Pedagogical issues 10 Questions**

- ☐ Nature & Structure of Sciences
- ☐ Natural Science/Aims & objectives
- ☐ Understanding & Appreciating Science
- ☐ Approaches/Integrated Approach
- ☐ Observation/Experiment/Discovery (Method of Science)
- ☐ Innovation
- ☐ Text Material/Aids
- ☐ Evaluation – cognitive/psychomotor/affective
- ☐ Problems
- ☐ Remedial Teaching

**V. Social Studies/Social Sciences 60 Questions**

**a) Content 40 Questions**

**☐ History**

- ☐ When, Where and How
- ☐ The Earliest Societies
- ☐ The First Farmers and Herders
- ☐ The First Cities
- ☐ Early States
- ☐ New Ideas
- ☐ The First Empire
- ☐ Contacts with Distant lands
- ☐ Political Developments
- ☐ Culture and Science
- ☐ New Kings and Kingdoms
- ☐ Sultans of Delhi
- ☐ Architecture
- ☐ Creation of an Empire
- ☐ Social Change

- ☐ Regional Cultures
- ☐ The Establishment of Company Power
- ☐ Rural Life and Society
- ☐ Colonialism and Tribal Societies
- ☐ The Revolt of 1857-58
- ☐ Women and reform
- ☐ Challenging the Caste System
- ☐ The Nationalist Movement
- ☐ India After Independence

### ☐ **Geography**

- ☐ Geography as a social study and as a science
- ☐ Planet: Earth in the solar system
- ☐ Globe
- ☐ Environment in its totality: natural and human environment
- ☐ Air
- ☐ Water
- ☐ Human Environment: settlement, transport and communication
- ☐ Resources: Types-Natural and Human
- ☐ Agriculture

### ☐ **Social and Political Life**

- ☐ Diversity
- ☐ Government
- ☐ Local Government
- ☐ Making a Living
- ☐ Democracy
- ☐ State Government
- ☐ Understanding Media
- ☐ Unpacking Gender
- ☐ The Constitution
- ☐ Parliamentary Government
- ☐ The Judiciary
- ☐ Social Justice and the Marginalised

## **b) Pedagogical issues 20 Questions**

- ☐ Concept & Nature of Social Science/Social Studies
- ☐ Class Room Processes, activities and discourse
- ☐ Developing Critical thinking
- ☐ Enquiry/Empirical Evidence
- ☐ Problems of teaching Social Science/Social Studies
- ☐ Sources – Primary & Secondary
- ☐ Projects Work
- ☐ Evaluation