

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

i) 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

Note: For Detailed syllabus of classes I-VIII, please refer to NCERT syllabus and textbooks