

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

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- 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

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- 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	

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- 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

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- 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