

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

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| <b>I. Child Development and Pedagogy</b>   | <b>30 Questions</b> |
| <b>a) Child Development(Elementary School Child)</b> <ul style="list-style-type: none"> <li>• Concept of development and its relationship with learning</li> <li>• Principles of the development of children</li> <li>• Influence of Heredity &amp; Environment</li> <li>• Socialization processes: Social world &amp; children (Teacher, Parents, Peers)</li> <li>• Piaget, Kohlberg and Vygotsky: constructs and critical perspectives</li> <li>• Concepts of child-centered and progressive education</li> <li>• Critical perspective of the construct of Intelligence</li> <li>• Multi-Dimensional Intelligence</li> <li>• Language &amp; Thought</li> <li>• Gender as a social construct; gender roles, gender-bias and educational practice</li> <li>• Individual differences among learners, understanding differences based on diversity of language, caste, gender, community, religion etc.</li> <li>• Distinction between Assessment for learning and assessment of learning; School-Based Assessment, Continuous &amp; Comprehensive Evaluation: perspective and practice</li> <li>• Formulating appropriate questions for assessing readiness levels of learners; for enhancing learning and critical thinking in the classroom and for assessing learner achievement.</li> </ul> | <b>15 Questions</b> |
| <b>b) Concept of Inclusive education and understanding children with special needs</b>   | <b>5 Questions</b>  |
| <ul style="list-style-type: none"> <li>• Addressing learners from diverse back grounds including disadvantaged and deprived</li> <li>• Addressing the needs of children with learning difficulties, "impairment" etc.</li> <li>• Addressing the Talented, Creative, Specially abled Learners</li> </ul>  |                     |
| <b>c) Learning and Pedagogy</b>  | <b>10 Questions</b> |
| <ul style="list-style-type: none"> <li>• How children think and learn; how and why children „ fail“ to achieve success in school performance.</li> <li>• Basic processes of teaching and learning; children’s strategies of learning; learning as a social activity; social context of learning.</li> <li>• Child as a problem solve rand a “scientific investigator”</li> <li>• Alternative conceptions of learning in children, understanding children’s “errors” as significant steps in the learning process.</li> <li>• Cognition &amp; Emotions</li> <li>• Motivation and learning</li> <li>• Factors contributing to learning-personal &amp; environmental</li> </ul>   |                     |
| <b>II. Mathematics and Science</b>   | <b>60 Questions</b> |
| <b>(i) Mathematics</b>   | <b>30 Questions</b> |
| <b>a) Content</b>  | <b>20 Questions</b> |
| <b>Number System</b>   |                     |
| <ul style="list-style-type: none"> <li>• Knowing our Numbers</li> <li>• Playing with Numbers</li> <li>• Whole Numbers</li> <li>• Negative Numbers and Integers</li> <li>• Fractions</li> </ul>   |                     |
| <b>Algebra</b>   |                     |
| <ul style="list-style-type: none"> <li>• Introduction to Algebra</li> <li>• Ratio and Proportion</li> </ul>  |                     |

**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/psycho-motor/affective
- Problems
- Remedial Teaching

<b>III. Social Studies/Social Sciences</b>	<b>60 Questions</b>
<b>a) Content</b>	<b>40 Questions</b>
❖ <b>History</b>	
• 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	
❖ <b>Geography</b>	
• 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	
❖ <b>Social and Political Life</b>	
• 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

**II. 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

**IV. Language I**

**30 Questions**

• **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)

• **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, multi lingual resource of the classroom
- Remedial Teaching

**V. Language-II**

**30 Questions**

• **Comprehension**

**15 Questions**

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

• **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, multi lingual resource of the classroom
- Remedial Teaching

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