

Paper II (for classes VI to VIII) Elementary Stage

- | | | |
|------------|---|---------------------|
| I. | Child Development and Pedagogy | 30 Questions |
| | a) Child Development (Elementary School Child) | 15 Questions |
| | <ul style="list-style-type: none"> • 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 |
| | <ul style="list-style-type: none"> • Addressing learners from diverse back grounds 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 |
| | <ul style="list-style-type: none"> • 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 solve rand 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 | 30 Questions |
| | a) Language Comprehension | 15 Questions |
| | <p>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)</p> | |

<p>b) Pedagogy of Language Development</p> <ul style="list-style-type: none"> • 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 	<p>15 Questions</p>
<p>III. Language-II</p>	
<p>a) Comprehension</p> <ul style="list-style-type: none"> • Two unseen prose passages (discursive or literary or narrative or scientific) with question on comprehension, grammar and verbal ability 	<p>15 Questions</p>
<p>b) Pedagogy of Language Development</p> <ul style="list-style-type: none"> • 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 	<p>15 Questions</p>
<p>IV. Mathematics and Science</p>	
<p>(i) Mathematics</p> <p>a) Content</p> <p>Number System</p> <ul style="list-style-type: none"> • Knowing our Numbers • Playing with Numbers • Whole Numbers • Negative Numbers and Integers • Fractions <p>Algebra</p> <ul style="list-style-type: none"> • Introduction to Algebra • Ratio and Proportion 	<p>60 Questions</p> <p>30 Questions</p> <p>20 Questions</p>

Geometry

- Basic geometrical ideas(2-D)
- Understanding Elementary Shapes(2-Dand3-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/psycho-motor/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 text books