

Paper II (for classes VI to VIII) Elementary Stage

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|------------|---|---------------------|
| 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 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 |
| | <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 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 |
| | <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> | |

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

❖ **TheWorld 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	
	<ul style="list-style-type: none"> • 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	
	<ul style="list-style-type: none"> • 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 textbook

