

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-centred 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.
- The 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
- A 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, multimedia 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 a 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 too
- A 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, multimedia 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

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/psychomotor/affective
- Problems
- Remedial Teaching

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
- Classroom Processes, activities and discourse
- Developing Critical thinking
- Enquiry/Empirical Evidence
- Problems of teaching Social Science/Social Studies
- Sources – Primary & Secondary
- Projects Work
- Evaluation

