

(For classes V to VIII)

## 1. Child Development and Pedagogy - 30 Questions

### ❖ 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.

### ❖ 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

### ❖ 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
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## 2. 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, multilingual resource of the classroom
  - Remedial Teaching
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### 3. 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, multilingual resource of the classroom
  - Remedial Teaching
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### 4 . Mathematics and Science - 60 Questions

#### ❖ Mathematics - 30 Questions

- 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
  
- 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
  
- ❖ Science - 30 Questions
  - 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
- Pedagogical issues - 10 Questions
  - Nature & Structure of Sciences
  - Natural Science/Aims & objectives
  - Understanding & Appreciating Science
  - Approaches/Integrated Approach
  - Observation/Experiment/Discovery (Method of Science)In
  - Innovation
  - Text Material/Aids
  - Evaluation – cognitive/psychomotor/affective
  - Problems
  - Remedial Teaching

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## 5. Social Studies/Social Sciences - 60 Questions

❖ 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

❖ 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