



## STRUCTURE AND CONTENT OF SYLLABUS (Paper I and Paper II)

**Paper I (for classes I to V) Primary Stage:**

### **I. Child Development and Pedagogy**

- |   |                     |
|---|---------------------|
|   | <b>30 Questions</b> |
| <b>a) Child Development (Primary School Child)</b>  | <b>15 Questions</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>b) Concept of Inclusive education and understanding children with special needs</b>  | <b>5 Questions</b>  |

- 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
- 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** **30 Questions**

**a) Content** **15 Questions**

- Geometry
- Shapes & Spatial Understanding
- Solids around Us
- Numbers
- Addition and Subtraction
- Multiplication
- Division
- Measurement
- Weight
- Time
- Volume
- Data Handling
- Patterns
- Money

**b) Pedagogical issues** **15 Questions**

- Nature of Mathematics/Logical thinking; understanding children's thinking and reasoning patterns and strategies of making meaning and learning

- Place of Mathematics in Curriculum
- Language of Mathematics
- Community Mathematics
- Evaluation through formal and informal methods
- Problems of Teaching
- Error analysis and related aspects of learning and teaching
- Diagnostic and Remedial Teaching

**V. Environmental Studies 30 Questions**

**a) Content 15 Questions**

**I. Family and Friends:**

**1.1 Relationships**

**1.2 Work and Play**

**1.3 Animals**

**1.4 Plants**

**II. Food**

**III. Shelter**

**IV. Water**

**V. Travel**

**VI. Things We Make and Do**

**b) Pedagogical Issues 15 Questions**

- Concept and scope of EVS
- Significance of EVS, integrated EVS
- Environmental Studies & Environmental Education
- Learning Principles
- Scope & relation to Science & Social Science
- Approaches of presenting concepts
- Activities
- Experimentation/Practical Work
- Discussion
- CCE
- Teaching material/Aids  
Problems

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

**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-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**
- **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
  - 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. (A) 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**
- I. **Food**
    - Sources of food
    - Components of food
    - Cleaning food
  - II. **Materials**
    - Materials of daily use
  - III. **The World of the Living**
  - IV. **Moving Things People and Ideas**
  - V. **How things work**

- Electric current and circuits
- Magnets

**VI. Natural Phenomena**

**VII. 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**

**I. 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

## **II. 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

## **III. 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 textbooks**