

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

**Paper I (for classes 1 to V) Primary  
Stage**

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|---|---------------------|
| <b>I. Child Development and Pedagogy</b>  | <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>  |
| <ul style="list-style-type: none"><li>• Addressing learners from diverse backgrounds including disadvantaged and deprived</li><li>• Addressing the needs of children with learning difficulties, 'impairment' etc.</li><li>• Addressing the Talented, Creative, Specially abled Learners</li></ul>  |                     |
| <b>c) Learning and Pedagogy</b>   | <b>10 Questions</b> |
| <ul style="list-style-type: none"><li>• How children think and learn; how and why children 'fail' to achieve success in school performance.</li><li>• Basic processes of teaching and learning; children's strategies of learning; learning as a social activity; social context of learning.</li><li>• Child as a problem solver and a 'scientific investigator'</li><li>• Alternative conceptions of learning in children, understanding children's 'errors' as significant steps in the learning process.</li><li>• Cognition &amp; Emotions</li><li>• Motivation and learning</li><li>• Factors contributing to learning - personal &amp; environmental</li></ul>   |                     |

## 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

- 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 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

**The World of the Living:**

**Moving Things People and Ideas:**

**How things work:**

- Electric current and circuits
- Magnets

**Natural Phenomena:**

**Natural Resources:**

<b>b) Pedagogical issues</b>	10 Questions
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- 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

<b>V. Social Studies/Social Sciences</b>	<b>60 Questions</b>
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a) Content	40 Questions
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**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 textbooks

