

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

Paper I (For Class I to V) Primary Stage

<b>1. 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 (Teachers, Parents, Peers).</li><li>• Piaget, Kohleberg 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 &amp; Pedagogy</b>	<b>10 Questions.</b>
<ul style="list-style-type: none"><li>• How children think &amp; learn; how &amp; why children 'fail' to achieve success in school performance.</li><li>• Basic processes of teaching &amp; 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 step in the learning process.</li><li>• Cognition &amp; Emotions.</li><li>• Motivation &amp; Learning.</li><li>• Factors contributing to learning – personal &amp; environmental</li></ul>	
<b>II. Language – I</b>	<b>30 Questions.</b>
<b>a) Language Comprehension</b>	<b>15 Questions.</b>
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>b) Pedagogy of Language Development</b>	<b>15 Questions</b>
<ul style="list-style-type: none"><li>• Learning &amp; acquisition.</li><li>• Principles of Language Teaching.</li><li>• Role of listening and speaking; function of language and how children use it as a tool.</li><li>• Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form.</li><li>• Challenges of teaching language in a diverse classroom, language difficulties, errors and disorders.</li><li>• Language skills.</li><li>• Evaluating language comprehension and proficiency; speaking listening, reading and writing.</li><li>• Teaching – learning materials, Textbooks, multi-media materials, multilingual resource of the classroom.</li><li>• Remedial Teaching.</li></ul>	

### 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 & 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 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.
- Languages 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 & Friends:

- 1.1 Relationships
- 1.2 Work & 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.**

- Concepts 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 Class VI to VIII) Elementary Stage****I. Child Development and Pedagogy****30 Questions.****a) Child Development (Elementary School Child)****15 Questions.**

- Concepts 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, Kohleberg 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 & Pedagogy****10 Questions.**

- How children think & learn; how & why children 'fail' to achieve success in school performance.
- Basic processes of teaching & 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 step in the learning process.
- Cognition & Emotions.
- Motivation & 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 & 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, Textbooks, 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 classrooms, language difficulties, errors and disorders.
- Language skills.
- Evaluating language comprehension and proficiency: speaking, listening, reading and writing
- Teaching – learning materials: Textbook, multi-media classroom
- Remedial Teaching.

**IV Mathematics****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
- Ration 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****10 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 Materials / Aids
- Evaluation – cognitive / psychomotor / affective
- Problems
- Remedial Teaching

**V. 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 and as a science
- Planet: Earth in the solar system
- Globe
- Environment in its totality: natural and human environmental
- 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

- Concepts & 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 Class I-VIII, Please refer to NCERT Syllabus and Textbooks.**

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