

**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.</b> | <b>Child Development and Pedagogy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>30 Questions</b> |
| <b>a)</b> | <b>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)</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 back grounds including disadvantaged and deprived</li> <li>• Addressing the needs of children with learning difficulties, “impairment” etc.</li> <li>• Addressing the Talented, Creative, Specially baled Learners</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |
| <b>c)</b> | <b>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |
| <b>II</b> | <b>Mathematics</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>30 Questions</b> |
| <b>a)</b> | <b>Content</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>15 Questions</b> |
|           | <ul style="list-style-type: none"> <li>• Geometry</li> <li>• Shapes &amp; Spatial Understanding</li> <li>• Solids around Us</li> <li>• Numbers</li> <li>• Addition and Subtraction</li> <li>• Multiplication</li> <li>• Division</li> <li>• Measurement</li> <li>• Weight</li> <li>• Time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |

- 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

**III. Environmental Studies 30 Questions**

**a) Content 15 Questions**

- i. Family and Friends:  
Relationships  
Work and Play  
Animals  
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

**IV. 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, multi lingual resource of the classroom
- Remedial Teaching

**V. 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

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

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| <b>I. Child Development and Pedagogy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>30 Questions</b> |
| <b>a) Child Development(Elementary 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 back grounds 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |
| <b>II. Mathematics and Science</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>60 Questions</b> |
| <b>(i) Mathematics</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>30 Questions</b> |
| <b>a) Content</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>20 Questions</b> |
| <b>Number System</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| <ul style="list-style-type: none"> <li>• Knowing our Numbers</li> <li>• Playing with Numbers</li> <li>• Whole Numbers</li> <li>• Negative Numbers and Integers</li> <li>• Fractions</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |
| <b>Algebra</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |
| <ul style="list-style-type: none"> <li>• Introduction to Algebra</li> <li>• Ratio and Proportion</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |

**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/psycho-motor/affective
- Problems
- Remedial Teaching

|             |                                                              |                     |
|-------------|--------------------------------------------------------------|---------------------|
| <b>III.</b> | <b>Social Studies/Social Sciences</b>                        | <b>60 Questions</b> |
| <b>a)</b>   | <b>Content</b>                                               | <b>40 Questions</b> |
|             | ❖ <b>History</b>                                             |                     |
|             | • 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                                   |                     |
|             | ❖ <b>Geography</b>                                           |                     |
|             | • 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                                                |                     |
|             | ❖ <b>Social and Political Life</b>                           |                     |
|             | • 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

**II. 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

**IV. 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, multi lingual resource of the classroom
- Remedial Teaching

**V. 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**
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- 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, multi lingual resource of the classroom
- Remedial Teaching

**Note: For Detailed syllabus of classes I-VIII, please refer to NCERT syllabus and text books**