

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

I.	Child Development and Pedagogy	30
a)	Child Development(Elementary School Child)	Questions 15
	<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>	Questions
b)	Concept of Inclusive education and understanding children with special needs	5 Questions
	<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>	
c)	Learning and Pedagogy	10 Questions
	<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 solve rand 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.	Mathematics and Science	60 Questions
	(i) Mathematics	30
	a) Content	Questions
	Number System	20
	<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>	Questions
	Algebra	
	<input type="checkbox"/> Introduction to Algebra	
	<input type="checkbox"/> Ratio and Proportion	

## Geometry

- Basic geometrical ideas(2-D)
- Understanding Elementary Shapes(2-Dand3-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

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|------|---|--------------|
| III. | Social Studies/Social Sciences  | 60 Questions |
| a)   | Content   | 40 Questions |
|      | □ History   |              |
|      | <ul style="list-style-type: none"> <li>• When, Where and How</li> <li>• The Earliest Societies</li> <li>• The First Farmers and Herders</li> <li>• The First Cities</li> <li>• Early States</li> <li>• New Ideas</li> <li>• the first Empire</li> <li>• Contacts with Distant lands</li> <li>• Political Developments</li> <li>• Culture and Science</li> <li>• New Kings and Kingdoms</li> <li>• Sultans of Delhi</li> <li>• Architecture</li> <li>• Creation of an Empire</li> <li>• Social Change</li> <li>• Regional Cultures</li> <li>• The Establishment of Company Power</li> <li>• Rural Life and Society</li> <li>• Colonialism and Tribal Societies</li> <li>• The Revolt of 1857-58</li> <li>• Women and reform</li> <li>• Challenging the Caste System</li> <li>• The Nationalist Movement</li> <li>• India After Independence</li> </ul> |              |
|      | □ Geography   |              |
|      | <ul style="list-style-type: none"> <li>• Geography as a social study and as a science</li> <li>• Planet: Earth in the solar system</li> <li>• Globe</li> <li>• Environment in its totality: natural and human environment</li> <li>• Air</li> <li>• Water</li> <li>• Human Environment: settlement, transport and communication</li> <li>• Resources: Types-Natural and Human</li> <li>• Agriculture</li> </ul>   |              |
|      | □ Social and Political Life   |              |
|      | <ul style="list-style-type: none"> <li>• Diversity</li> <li>• Government</li> <li>• Local Government</li> <li>• Making a Living</li> <li>• Democracy</li> <li>• State Government</li> <li>• Understanding Media</li> <li>• Unpacking Gender</li> </ul>  |              |

- The Constitution
- Parliamentary Government
- The Judiciary
- Social Justice and the Marginalised

II. Pedagogical issues 20 Questions

- Concept&NatureofSocialScience/SocialStudies
- ClassRoomProcesses,activitiesanddiscourse
- DevelopingCriticalthinking
- Enquiry/EmpiricalEvidence
- ProblemsofteachingSocialScience/SocialStudies
- Sources-Primary&Secondary
- ProjectsWork
- 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)

- PedagogyofLanguageDevelopment 15 Questions
- Learningandacquisition
- PrinciplesoflanguageTeaching
- Roleoflisteningandspeaking;functionoflanguageandhowchildrenuse
- ITasatool
- Criticalperspectiveontheroleofgrammarinlearningalanguageforcommunicatingideasverballyandin written form;
- Challengesofteachinglanguageinadiverseclassroom;language difficulties,errorsanddisorders
- LanguageSkills
- Evaluatinglanguagecomprehensionandproficiency:speaking,listening,readingandwriting
- Teaching-learningmaterials:Textbook,multi-mediainformation, multilingualresourceoftheclassroom
- RemedialTeaching

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
- PedagogyofLanguageDevelopment 15 Questions
- Learningandacquisition
- PrinciplesoflanguageTeaching
- Roleoflisteningandspeaking;functionoflanguageandhowchildrenuseitasatool
- Criticalperspectiveontheroleofgrammarinlearningalanguageforcommunicatingideasverballyandin written form;
- Challengesofteachinglanguageinadiverseclassroom;language difficulties,errorsanddisorders
- LanguageSkills
- Evaluatinglanguagecomprehensionandproficiency:speaking,listening,readingandwriting
- Teaching-learningmaterials:Textbook,multi-mediainformation, multilingualresourceoftheclassroom
- RemedialTeaching

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