

# STRUCTURE AND CONTENT OF SYLLABUS

(Paper- II for classes VI to VIII)

## Upper Primary Stage

- I. Child Development and Pedagogy ( 30 Questions)**
- a) Child Development (Upper Primary 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

**(30 Questions)**

**II. Language I(English) :**

**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 ( Hindi) :**

**(30 Questions)**

**a) Comprehension :**

**(15 Questions)**

Two unseen prose passages (discursive or literary or narrative or scientific) with questions 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)**

**(1) 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)
- Constructions (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
- Problems of Teaching

**(2) 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**

**( 10 Questions)**

**b) Pedagogical issues :**

- 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 prescribed in the schools of Arunachal Pradesh*