

PAPER-II

(for classes VI to VIII)

Upper Primary stage

STRUCTURE AND CONTENT OF SYLLABUS

(Manipur State Teacher Eligibility Test)

PAPER-II

(for classes VI to VIII) Upper Primary stage.

1. **Child Development and Pedagogy** (30 Questions)
(1 mark each of MCQ)

a) Content

(The test items on Child Development and Pedagogy will focus on educational psychology of teaching and learning relevant to the age group 11-14 years. They will focus on understanding the characteristics needs and psychology of diverse learners, interaction with learners and the attributes and qualities of a good facilitator of learning.)

Child Development (Upper Primary School child) (15 questions)

Concept of development and its relationship with growth and learning. Principles of Development of Children. Stages of Development of a child. Process of growth and development-Physical, Cognitive, Emotional, Social, Moral, and Language Development of children. Influence of Heredity and Environment on Development of a child. Role of Teacher, Parents, and Peers in the Development of a Child. Ideas of Piaget, Kohlberg and Vygotsky. Concept of child-centered and Progressive Education. Concept of Intelligence. Multi Dimensional Intelligence. Individual differences among Learners. Enhancing Learning and Critical thinking and Assessing Learner's Achievement.

- b) Concept of Inclusive Education and Understanding children with Special Needs.** (5 questions)

Learners from diverse backgrounds including disadvantaged and deprived. Children with learning difficulties, impairment etc. Gifted, Creative, Specially abled Learners.

c) Learning and Pedagogy (10 questions)

How children think and learn. Basic processes of Teaching and Learning; Learning as a Social Activity; Social Context of learning. Child as a problem solver. Motivation and learning. Factors contributing to learning personal and environmental.

2. Language-I (English) (30 questions)
1 mark each of MCQ

a) Content (15 questions)

(The questions in the test will be based on the topics of the prescribed syllabus of the Board of Secondary Education, Manipur for classes VI-VIII, but their difficulty standard, as well as linkages, could be upto the senior secondary stage)

Language Comprehension-Two unseen passages.

The following items should be reflected in the questions;

Vocabulary Test including - Antonyms and synonyms. Comprehension Test. Reconstruction of sentences. Improvement of sentences. Completion of passage. Spelling Errors. Phrases and idioms. Voice - Active and Passive. Direct and Indirect speech. Parts of speech. Determiners. Tenses. Punctuations. Transformation of sentences.

All questions on comprehension will be from the two unseen passages.

b) Pedagogy of Language Development (15 questions)

Language Learning and Language acquisition. Principles of language teaching. Language skills. Role of speaking and listening in the function of language with special reference to the Use of language by children. Role of grammar in leaning a language and communicating ideas verbally and in written form. Challenges of teaching language in a diverse classroom ; language difficulties, errors and disorders. Evaluating language comprehension and proficiency with reference to the four skills. Teaching-learning materials : Text books, multi-media materials, Multilanguage resource of the classroom. Remedial teaching. Basic element of classroom management .

3. Language-II (*Modern Indian Language) (30 questions)
(1 mark each of MCQ)

*(*Modern Indian languages recognized by the Board of Secondary Education, Manipur)*

a) Content (15 questions)

(The questions in the test will be based on the topics of the prescribed syllabus of the Board of Secondary Education, Manipur for classes VI-VIII, but their difficulty standard, as well as linkages, could be upto the senior secondary stage)

Language Comprehension - Two unseen prose passages (discursive or literary or narrative or scientific) with Questions on comprehension grammar and verbal ability.

The following items should be reflected in the questions.

Comprehension test. Phrases and Idioms. Parts of Speech. Punctuation marks. Vocabulary test(including antonyms and synonyms). Sentence transformation. Sentence improvement. Passage completion.

b) Pedagogy of Language Development (15 questions)

Language and its use. Acquisition of first language Principles of language teaching . Role of grammar in language teaching. Language skills and their assessment. Teaching of literature and functional grammar. Teaching-learning materials: Textbook and multi-media materials. Remedial teaching.

4.(a)(i) Science (30 Questions)
(1 mark each of MCQ)

a) Content (20 questions)

(The questions in the test will be based on the topics of the prescribed syllabus of the Board of Secondary Education, Manipur for classes VI-VIII, but their difficulty standard, as well as linkages, could be upto the senior secondary stage)

Nature and structure of matter: Separation of substances, Metals and non-metals. Changes around us. Structure of atom. Acids, Bases and salts. Carbon. Materials of daily use. The Solar system : The sun and its planets. Measurement. Force and motion : Types of motion; Definition of force ;Laws of force and its application. Heat and Temperature : Transfer of heat and Different Scales of temperature. Light : Concept of reflection, refraction, dispersion and their laws with application. Wave and sound. Electric charge at rest; flow of electric charge and Magnetism. Sources of energies. Living world; Characteristics and classification of the living beings. Structural organization and functions of living organisms. Cell structure, function and reproduction. Micro-organisms. Food-components; food production and management. Health and diseases. Environment.

b) Pedagogical Issues (10 questions)

Nature & structure of Sciences. Aims and objects of teaching Science. Methods of teaching Science. Concept of preparation and uses of teaching Aids. Curriculum & syllabus and their different approaches of development. Instructional objective: Cognitive, Affective and Psychomotor. Lesson Plan. Evaluation: Types and Uses; Remedial teaching. CCE; Innovation in Science.

4. (a)(ii) Mathematics (30 Questions)
(1 mark each of MCQ)

a) Content (20 Questions)

(The questions in the test will be based on the topics of the prescribed syllabus of the Board of Secondary Education, Manipur for classes VI-VIII, but their difficulty standard, as well as linkages, could be upto the senior secondary stage)

Number: Natural Numbers ,Whole numbers, Integers, Fractions; The four fundamental operations among integers. Ratio and Proportion. Arithmetic of trade: profit and loss, Percentage. Algebra: Algebraic expressions, Polynomials and multinomial. Operations of addition, subtraction, multiplication of algebraic expressions. Division of a polynomial by a linear polynomial. Plane figures with special properties of identification. Different types of triangles and properties of triangles associated with sides and the angles (Inequalities in triangles) Special

points associated with a triangle: circum-centre, in centre, orthocentre and centroid of a triangle, pedal triangle of a triangle. Symmetry and symmetrical figures in a plane; Line of symmetry and reflection. Construction of geometrical figures: Construction of an angle, the perpendicular bisector of a line segment, construction of a triangle with given sides, the base and the base angles. Solid figures: Solids like sphere, pyramid, cone, prism etc. Mensuration: Area, Volume and problems associated with area, volume and perimeters of plane figures. Data handling: Mean, Median and Mode of a data. Bar diagram and histogram of a data.

b) Pedagogical Issues (10 Questions)

Nature of Mathematics. Logical thinking; understanding child'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.

4.(b) Social studies/Social science (60 Questions)
(1 mark each of MCQ)

a) Content (40 questions)

(The questions in the test will be based on the topics of the prescribed syllabus of the Board of Secondary Education, Manipur for classes VI-VIII, but their difficulty standard, as well as linkages, could be upto the senior secondary stage).

I - History

Studying the past; Early Man & His Life. Ancient Civilisations- Indus Valley Civilisation & Vedic civilization. Rise of States- Mahajanapadas; Rise of Magadha. New ideas. Mauryan Empire; Gupta Empire; Harshavardhana. Rise of small kingdoms in India in Medieval period. The Delhi Sultanate; The Mughal empire. States & Kingdoms in North-east India in the 15th Century. Religious Developments.

Manipur in early 18th Century. British conquest of India, Impact of the British rule; Manipur & the British, Manipur under British

rule. Socio-Religious Reform Movements. Indian National Movement. The 2nd World War & Manipur.

II - Geography

Geography as a social study and as a science. The Earth in the Solar System. Latitude, longitude and motions of the earth. Natural environment : Air and Water. Human environment : Settlement, transport and communication with special Reference to Manipur. Life in hot and cold desert regions. Natural resources: Land, wildlife, natural vegetation, mineral and power resources. Agriculture. Human resources: Population-age and sex compositions, population change and Distribution with special reference to Manipur.

III- Political Science & Economics

Community Development. Local self Government in Rural and Urban areas. District Administration. Presentation of Public Property and Historical Movements. Merger of Manipur. State hood of Manipur. Indian Constitution and its basic values. National symbol and National Identity. Government at the Centre and States Directive Principles of State Policy. Fundamental Rights and Duties. The Role of Citizens. Diversities in India. The Scenario of 20th Century World. Human Rights and the problem of terrorism. India and United Nations. Population and Economic Development. Globalization and the World Trade Organization. The International Monetary Fund and the World Bank. Environmental Degradation and natural Disaster.

b) Pedagogical Issues

(20 questions)

Meaning and Teaching of Social Science from the perspective of NCF-2005. Approaches to Curriculum. Instructional Strategies-Teacher centred, Student Centred and Group Centred Instruction. Uses of Instructional Media in Teaching. Instructional planning of a Lesson. Assessment of Learners and assessment of Teaching. Design of question paper. CCE in Social Studies.

