

BOARD OF SECONDARY EDUCATION
MANIPUR

NOTIFICATION

Imphal the 13th July, 2011

No.MSTET/11-1 It is notified for information of all concerned that as per the instruction of the Government of Manipur, the Board of Secondary Education, Manipur will conduct the Manipur State Teacher Eligibility Test (TET) in the month of August-2011 under the following Scheme of Examination. The Syllabus for the examination has been developed by the SCERT and it is available on the website of the Board www.bsem.nic.in.

Scheme of Examination

1. Paper I: (150 marks). For those who want to become teacher for classes I to V (Primary Teacher)

There will be 5 (five) sections carrying 30 marks each of Multiple Choice Question only.

- i) Child development and pedagogy.
- ii) Language I (English).
- iii) Language II (MIL- one from amongst the Languages recognized by the Board).
- iv) Mathematics.
- v) Environmental Studies.

2. Paper II: (150 marks). For those who want to become teacher for classes VI to VIII (Upper Primary Teacher).

There will be 4 (four) sections of Multiple Choice Question only.

- i) Child development and pedagogy (compulsory) - 30 marks.
- ii) Language I (English) - (compulsory) 30 marks.
- iii) Language II (MIL) - one from amongst the Languages recognized by the Board - (compulsory) 30 marks.
- iv) (a) For Mathematics and Science Teacher
Mathematics and Science - 60 marks of MCQ (1 mark each).
(b) For Social Science Teacher - Social Science - 60 marks of MCQ (1 mark each).
(c) For any other teacher - either (a) or (b) above.

There will be two tests held, Paper I and Paper II, on the same day, one in the morning and the other in the evening. Those interested in teaching from classes I to VIII will have to appear and qualify in both the papers (Paper I and Paper II).

The pass mark is 60% for general candidates and 50% for OBC, ST, SC and Physically challenged candidates.

The minimum qualifications for appearing in the test (TET), date for issue and submission of Application Forms, Examination date, fees etc. will be notified shortly.


(L. Rajmohan Singh)
Secretary

Nature and standard of Manipur State TET questions:

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.

The test items for Language I will focus on the proficiency related to the medium of instruction, as chosen from list of prescribed options in the application form.

The Language II will be a language other than Language I. A candidate may choose any one language from among the available options and as in the specified list in the application form and attempt questions in the one indicated by the candidate in the application form by him. The Test items in Language II will also focus on the elements of language, communication and comprehension abilities.

The test items in Mathematics and Science, and Social Studies/Social Science will focus on the concepts, problem solving abilities and pedagogical understanding of these subjects. The test items of Mathematics and Science will be of 30 marks each. The test items will be evenly distributed over different divisions of the syllabus of that subject as prescribed for classes VI-VIII by the Board.

The questions in the tests for Paper II 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 up to the senior secondary stage.

The minimum qualifications for appearing in the test (TET), date for issue and submission of Application Forms, Examination date, fees etc. will be notified shortly.

Guidelines for State Manipur Teacher Eligibility Test (TET)

In accordance with the provisions of sub-section (1) of Section 23 of the Right of Children to Free and Compulsory Education (RTE) Act, 2009, which has been implemented in Manipur, the National Council for Teacher Education (NCTE) had vide Notification dated 23rd August, 2010, laid down the minimum qualifications for a person to be eligible for appointment as a teacher in classes I to VIII. It had been inter alia provided that one of the essential qualifications for a person to be eligible for appointment as a teacher in any of the schools referred to in clause (n) of section 2 of the RTE Act is that he/ she should pass the Teacher Eligibility Test (TET) which will be conducted by the Board of Secondary Education, Manipur, in accordance with the Guidelines framed by the NCTE.

The rationale for including the TET as a minimum qualification for a person to be eligible for appointment as a teacher is as under:

- i) It would bring national standards and benchmark of teacher quality in the recruitment process;
- ii) It would induce teacher education institutions and students from these institutions to further improve their performance standards;
- iii) It would send a positive signal to all stakeholders that the Government lays special emphasis on teacher quality

Frequency of conduct of Manipur State TET and validity period of the certificate:

The test will be held every year and the validity of the qualifying certificate will be seven years. There will be no restriction on the number of attempts a person can take for acquiring the State TET certificate. A person who has qualified State TET may also appear again for improving his/her score. However, qualifying the State TET would not confer a right on any person for recruitment/employment as it is only one of the eligibility criteria for appointment.

Manipur State TET Exam Pattern:

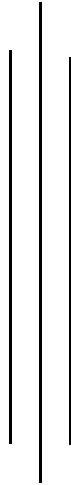
The State TET is being held for finding teacher eligibility for teaching two groups of students:

- i) One has to appear Paper I if He/she wants to teach in Class I-V.
- ii) One has to appear Paper II if he/she wants to teach in Class VI-VIII.
- iii) One has to appear both Paper I and Paper II if he/she wants to teach in Class I-VIII.

One has to obtain minimum 60% marks for general candidates and 50% for OBC, ST, SC and Physically Challenged candidates in these papers to qualify in State TET, following which TET certificate would be given which will be valid for 7 years.

There is no restriction to the number of times one can appear in TET - also even after getting 60+% marks or 50+% marks noted above, one can appear in State TET again to know his/her score.

**SYLLABUS FOR MANIPUR STATE TEACHER
ELIGIBILITY TEST**



PAPER-I

**(for classes I to V)
Primary stage**

STRUCTURE AND CONTENT OF SYLLABUS

(Manipur State Teacher Eligibility Test)

PAPER-I

(for classes I to V) 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 of 6-11 years. They will focus on understanding the characteristics and needs of diverse learners, interaction with learners and the attributes and qualities of a good facilitator of learning.)

Child Development (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.

Concepts 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 as 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 I-V, but their difficulty standard, as well as linkages, could be upto the secondary stage)

Language Comprehension -Two unseen passages.

The following items should be reflected in the questions;

Vocabulary test. Parts of speech.Sentence

Improvement.Determiners. Marks of punctuation. Phrases and idioms.

Passage completions.

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 I-V, but their difficulty standard, as well as linkages, could be upto the 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. Environmental Studies (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 I-V, but their difficulty standard, as well as linkages, could be upto the secondary stage)

Our need: Our food, Cloths, Shelter, Air, Water.

Living and Non-living Organisms: Living organism - Characteristics ; differences from non-living.

Plants: Characteristics & uses. Animals: Different external and internal organs of human being; their important functions. Natural Resources. Healthy Habits : Good Habits, Diseases, Pollution and its preventions. The sun, the earth, stars and sky. Means of transport and communication. Story of wheel : Beginning of exploration of scientific means of transportation. Concept of distance, time and mass. Basic ideas of electricity and light and the related phenomenon around us. Weather and climate. Physical feature of India with special reference to Manipur. Disaster Management. National and state symbol. Stories of our Freedom Fighters. Some great personalities.

b) Pedagogical Issues (15 Questions)

Concept and scope of EVS. Significance of EVS, integrated EVS. Environmental studies & Environmental Education. Learning principles, Methods of teaching. Scope and Relation of Science and Social science. Approaches of presenting concepts. Activities; Experiments; Discussion; MLL; CCE; Evaluation. Teaching aids; Lesson Planning; Instructional objective. Problems.

5. Mathematics (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 I-V, but their difficulty standard, as well as linkages, could be upto the secondary stage)

Numbers: Natural numbers, Integers, Operations on Integers: Addition, Subtraction, Relation between the operation of addition and subtraction as the reverse process of each other; Testing the right choice of the operation in specific problems; The operations of multiplication and division among natural numbers, their relation as the reverse process of each other. Testing the right choice of operations of addition, subtraction, multiplication and division in the right order in specific word problems. Distinguishing characters of plane figures with special reference to triangle, square and circle. Identification of solids around us; special shapes of solid bodies: sphere, cube, cuboid, cone, cylinder. Different Units of measure: Length, Weight, Volume and time with

subunits. Money: Indian money and its denominations. Patterns: Patterns in numbers, finding a missing number in a pattern or finding the next number or term in a pattern. Mathematical Symbols: Interpretation or simply reading a symbolic statement; Conversion of symbolic statement to common language and vice-versa.

Data handling by using pictographs and pie charts. Reading of calendar, determination of the day of the week given the day of a particular date. Reading the dial of the clock.

b) Pedagogical Issues

(15 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.

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.

