

MTET SYLLABUS-2023

CHILD DEVELOPMENT AND PEDAGOGY

PAPER-II

Full marks-30

1. Understanding Development

(3 marks)

- Meaning and Concept of Growth and Development.
- Developmental characteristic with respect to Childhood and Adolescent stage.
- Development of Children in a socio-cultural context and its relationship to learning.
- Factors influencing Development.

2. Aspects of Development

(4 marks)

- Physical and Motor Development.
- Cognitive Development. (Piaget's theory of Cognitive development)
- Socio- Emotional Development.
- Moral development (Kohlberg's theory of moral development and Carol Gilligan's Critique)

3. Gender Development

(4 marks)

- Difference between Gender and sex.
- Stages of gender development.
- Stereotypes in the process of gender development.
- Gender bias and educational Practices.
- Gender identity in the family and in a matrilineal society.

4. Methods of child study

(4 marks)

- Cross-sectional, Longitudinal and Case Studies.
- Naturalistic and participant observation.
- Reflective journals.
- Student portfolio.
- Anecdotal records.
- Interview.
- Narrative
- Piaget Clinical method of child study.

5. Inclusive Education and Children with Special Needs (CWSN) (5 marks)

- Concepts, meaning of Inclusive Education.
- Difference between Integrated and Inclusive Education.
- Understanding Disability and types of Disability.
- Barriers and Challenges to Inclusive Education.
- Inclusive Education and children from different backgrounds (tribal students, under-privilege students, children from low financial background, children of literate parents etc).

6. Learning and Pedagogy (5 marks)

- Concept of Learning and factors affecting learning.
- Information processing approaches (concept of working memory, long term memory, attention, encoding and retrieval).
- Piaget's Constructivism (what is learning, relationship between learning and development).
- Vygotsky's constructivism
- Teacher centered vs. Learners Centered approach of Teaching.
- Teaching skills and activity based teaching.
- Steps of preparation of teaching (Pre-teaching, Transaction of lesson and Post teaching including teaching plans/lesson plans).
- Learning Resources/Teaching Learning Materials.

7. Assessment of students Performance (5 marks)

- Formative and Summative Assessment.
- School Based Assessment (SBA).
- Assessment for Learning and Assessment of Learning.
- Techniques and tools of School Based Assessment including Activity Based Assessment.
- Blue Print and different types of Questions.
- Assessment and Remedial Measures.

Reference Books:

1. The Tribal Institutions of Meghalaya – Chattopadhyay S.K (1985).
2. How Children Learn – Holt, J (1967).

MTET SYLLABUS- 2023

SUBJECT: LANGUAGE-1 KHASI (OPTIONAL)

PAPER-II

Full Marks-30

Bynta – I Ka jingthoh bym pat ju iohi (unseen passage) (4 marks)

- i. Ban jubab ia ki jingkylli ba la ai halor ka jingthoh kaba ym pat ju iohi.

Bynta – II Ka poim bym pat ju iohi (unseen poem) (4 marks)

- i. Ban jubab ia ki jingkylli ba la ai halor ka jingthoh kaba ym pat ju iohi.

Bynta – III Ki sap pule hapoh ka korikolom (6 marks)

- i. Ka skima (schema) – Kaei ka skima, ki jait skima, rukom pyndonkam ia ka haba pule kot, kumno u khynnah u pyndonkam ia ka.
- ii. Ki buit pule – Top-up model, Top-down model bad interactive model.
- iii. Ki rukom pule – Summarizing, Skimming, Scanning, know wish and Learn (KWL), Survey Question Read Write and Recite (SQ3R), note-taking, Think aloud.

Bynta – IV Ki rukom thoh jingthoh ha ki kyrdan ba kham shalor (5 marks)

- i. Ki rukom thoh ba bun jait (creative, expository expressive, summarizing, arguing/persuading, narrating, evaluating, analyzing, responding, examining/investigating).
- ii. Ki jait jingthoh kiba iadei bad ka jingim kaba man la ka sngi (ki jait jingthoh ban pyndap ia kaba la bthah lypa, ki jingthoh na ka bynta ban tynjuh jingtip).

Bynta – V Kumno ban hikai ia ka ktien

(4 marks)

- i. Ki rukom hikai ba bun jait
- ii. Ka plan hikai
- iii. Ka unit plan
- iv. Ka mind map
- v. Ki tiar iarap hikai

Bynta – VI Rukom thew jingtip

(4 marks)

- i. Continuous and comprehensive evaluation
- ii. Ki tiar ban thew jingtip – Port-folio, Questionnaire check list, Rubric, Observation schedule, rating scale, anecdotal records.
- iii. Ki buit thew jingtip – Testing (kaba thoh bad kylli), kaba shna ia ki jait jingkylli bapher bapher.

Bynta – VII Ka kramar bad ki bynta kiba iasnoh bad ka

(3 marks)

- i. Ki senten
- ii. Ki ktien kynnoh
- iii. Ki ktien pharshi
- iv. Ki ktien ba iajan jingmut/ki ktien ba iapher jingmut.
- v. Ki ktien phawer
- vi. Ki dak sangeh.

MTET SYLLABUS -2023
SUBJECT-M.I.L (GARO)
PAPER-II

Full Marks-30

1. Poraie u-iani aro miksonganiko bikotani- Schema Theory:
 - Miksongani (Meaning)
 - Kam (Role)
 - Schemako jakkalani (activating Schema)
 - Schemako ong.atani (building Schema)

2. Poraianina tarisamsyani:
 - KWL
 - SQ3R
 - See ra-aniko tariani (Note-taking)
 - Kan-dike agangopani (Summarising)
 - Skimming
 - Scanning
 - Miksonganiko bikotaniko mesokna skigipani game chanchiani

3. Grammarko skiani:
 - Sentence aro uni Ma-arang: Sentenceni dingtang dingtang rokomrangko ma-talani
 - Tense: Sentence-oTenseni dingtang dingtang ma-arangko ma-talani
 - Case aro uni ma-arang: On-sogimin Sentencerango Case-ni dingtang dingtang ma-arangko ma-talani
 - Person-rang: Skanggipa, Gnigipa aro Gittamgipa Personrangko ma-talani

4. Dingtang dingtang skiani bewalrang aro skina tarisamsyanirangko jakkale maikai prose aro poetryko skigen.

5. Curriculumko ga-bate Seani (Writing across the curriculum):
 - Seani kamko ma-sie ra-ani
 - Poraisogipaniko (audience) u-ie Seani
 - Changatangko bikote seani (Creative Writing), Bikote seani (Composition), Parake seani (Expository) aro Gisikoniko parake seani (Expressive)

6. Porikka niani (assessment): Continuous aro Comprehensive Evaluation
 - Observation Schedule
 - Checklist

- Rubrics
- Portfolio
- Rating Scale

7. A-chik ku-siko bikote seani (Composition):

- Agan Me-apa
- Katta Kujikse

Suggested Reading:

1. Poraiani Ki-tap from Class IV to VIII: Meghalaya Board School Education, Tura.
2. A-chik Grammar, E.G. Philips, M.A, Tura Bookroom, West Garo Hills, Meghalaya.
3. Handbook on Continuous and Comprehensive Evaluation: Directorate of Educational Research & Training (DERT) , Meghalaya, Shillong.
4. A-chik Composition by Keneth M. Momin, Tura Book Room, Tura.

MTET SYLLABUS-2023
SUBJECT: MIL (ASSAMESE)

PAPER-II

Full Marks-30

Unit-I

(5 marks)

1. Asomiya Bhasa Aru Asomor Jonogosthir Porisoy

Book: Bhasabigyan: Upendranath Goswami,

Asomor Jonojati: Dr. Promodchandra Bhattacharjya

Unit- II

(10 marks)

2. Asomiya Sahityar Buranji (Jonaki Jug)

Book: Asomiya Sahityar Samikhatmok Ittibitto: Satyendranath Sharma,

Unit- III

(10 marks)

3. Grammar

a. Pod Prokoron

b. Karak

c. Bibhokti

d. Samas

e. Lingo Prokoron

Book: Rasana Bisitra: Dharmasingha Deka, Bohol Byakaran: Satyanath Bora

Unit- IV

(5 marks)

4. a. Matribhasar Proyojonyota aru Upojugita

b. Sraban, Kothon, Porhon, Likhon, Ussaron adir Dharona.

Book: Asomiya matribhasa Sikhan Podhoti: Holiram Das, Sribhumi Company, Kolkatta

MTET SYLLABUS-2023

SUBJECT: MIL (BENGALI)

PAPER-II

Full Marks-30

1. Definition with Example **(4 marks)**
Swarsangati, Swarbhakti, Apinihiti, Bornobiparjoy Swaragam,
Bornodwitto, Samibhabon
2. Sandhi Bicched **(2 marks)**
Swara Sandhi and Bynjan Sandhi
3. Sadhubhasa theke cholita bhasay pariborton **(3 marks)**
4. Somaccharita Bhinnartak Shobdo **(2 marks)**
5. Bagdhara (Arthosoho Bakyarochona) **(4 marks)**
6. Samarthok Shobdo (Protishobdo) **(2 marks)**
Surjya, Chandra, Ratri, Din, Prithibi
7. Samaser Songya O tar Prakarbhed **(2 marks)**
Byas bakya soha somar nirnoy **(2 marks)**
8. Bakya Songkochon (Ek Kothay Prakash) **(2 marks)**
9. Sahityik Parichiti **(3 marks)**
Ishwarchandra Vidyasagar, Micheal Madhusudan Dutta
Rabindranath Thakur, Kazi Nazrul Islam, Sharat Chandra
Chattopadhyay, Tarashankar Bondyapadhyay Shanka Gosh.
10. Anucched Rochona **(4 marks)**

Reference Book:

- ❖ Vani Bichitra or any standard textbook on Bengali Grammar and composition may be used.

MTET SYLLABUS-2023

SUBJECT: M.I.L (HINDI)

PAPER-II

Full Marks-30

Unit – I Kavita

(5 marks)

1. Pushpa Ki Abhilasha
2. Prarthana
3. Krishmas Ka Bada Din

Unit – II Prose

(10 marks)

1. Namak Ka Daroga - By Premchand
 2. Galta Loha - By Shekhar Joshi
 3. Bharat Mata - By Jawaharlal Nehru
- } Book- Aroh Bhag-I

Unit – III Vyakaran Aur Rachna

(15 marks)

1. Sarvanam, Visheshan, Kriya
2. Prayayavachi shabda
3. Vilom shabda
4. Muhavare Aur Lokoktiyan
5. Sandhi.

Reference:

1. Book-Meghalaya Hindi Reader-5
2. Book-Meghalaya Hindi Reader-4

MTET SYLLABUS-2023

SUBJECT: MIL (NEPALI)

PAPER-II

Full Marks-30

1. Unit I – Adhayan Kausal-(Simple Pedagogy and teaching skills)

- Vidhya haru ko Parichay (Poetry, story)
- Drutvachan Kala (Development of Speed Reading Skills)
- Agragah Kushalta (Progress Ability)
- Bhashik Kalako Gyan (knowledge of language Skills)

2. Unit II – Jeewan Ra Vyaktitwa (Life and works)

- Babu Mani Singh Gurung - Chet Narayan Joshi
- Captain Bhuvan Singh Rai - Gangadhar Pathak
- Shahid Durga Malla - Sita Ram Powdel
- Shahid Captain Ram Singh Thakuri - Tek Narayan Upadhaya

3. Unit III- Katha Ra Kavita (Story and Poetry)

- Tecka - Shiv Kumar Rai
- Mero Auta Naga Huki - Hari Prasad Gorkha Rai
- Sahitya Sudha - Dharni Dhar Koisala
- Matribhasha - Ram Prasad Upadhaya
Gewali

4. Unit IV – Nibandh Ra Gadhya Akayan – (Essay and Prose)

- Hamro Shabda Bhandar Ek Wichar - Dr. Kumar Pradhan
- Pathyapustakko Shreeganesh - Parasmani Pradhan
- Hamro Rastriya Chad Ra Sayapatri Phul- Bishnuram Rai
- Anukaran Shabda - Shiv Kumar Rai

5. Unit V- Vyakran Ra Rachana (Grammar and Composition)

- Linga, Vachan, Karak Ra Vibhakti & Upasarga
- Paryawachi Shabda, Viparitasthak Shabda, Samas
- Chitthi Lekhan
- Nibandha Lekhan

Sandarbh Gantu Suchi (Reference books for the above syllabus)

1. Saral Nepali Sahitya Part 1,2,3, Textbook Committee Nepali, Shillong -2
2. Madhayamik Nepali Sahitya, Part 2,3,4,5 Textbook Committee Nepali, Shllong-2.
3. Uccha Madhayamik Nepali Sahitya, Textbook Committee, Shillong-2
4. Snatakiya Nepali Sahitya, Textbook Committee Nepali Shillong-2.
5. Madhyamik Nepali Viyakaran Ra Rachana Shree Raj Prakashan, Darjeeling.
6. Ramro Rachana Litho Nepali, Pairobi Prakasher Kathmandu.
7. Nepali Bhasha Sikshan, Darjeeling Nepali Sahitya Sammelan.

MTET SYLLABUS-2023

SUBJECT: M.I.L (URDU)

PAPER-II

Full Marks-30

A. Language comprehension:

(15 marks)

Zuban-O-Adap Ki Fahm-O-Idraak

Reading unseen passages and verses (Ghair Darsi Ektebasaat ur Bund)- One from Drama or Prose (Nasr) may be literary (Adbi), Scientific (Saainsi) narrative or discursive (Beyania ya Ghair Beyania) and one from poem (Nazm), with questions on comprehension (Idraak our Fehm-O-Samajh), Inference (Istennebaat our Nataiej), Urdu Grammar (Quwacid) and Verbal Ability (Zubani, Adbi our lesani Liyaquat).

B. Pedagogy of Language Development:

(15 marks)

(Zuban-O-Adad Ki Farogh-O- Taraquee Mein Muallami)

- i. Learning and acquisition (Seekhna our Ma-hasal)
- ii. Principles of language teaching (Zaban-O-Adap Parhaney ke Asool)
- iii. Role of listening and speaking, function of language and how children use it as a tool
- iv. Critical perspective on the role of Urdu grammar in learning a language for communicating ideas verbally and in written form.
- v. Challenges of teaching Urdu language in a diverse classroom, language difficulties, error and disorders.
- vi. Language skills
- vii. Evaluating language comprehension and proficiency: speaking, listening, reading and writing Urdu language.
- viii. Teaching-Learning material: Textbook, multi- media, material, multilingual resource of the classroom.
- ix. Remedial teaching.

Reference Books:

Prose

1. Naya Qanoon (Book-Nawa-e-Urdu a MBOSE prescribed Syllabus book for Class-X)
2. Maahol Bachaiya (Book-Nawa-e-Urdu a MBOSE prescribed syllabus book for Class-X)

Poetry

1. Saare Jahan Se Acha a nazm by Md. Iqbal)
2. Laai Hayat Aae (Gazal by Sheikh Md. Ibrahim Zauq) (Book-Nawa-e-Urdu, MBOSE Class-X Book)

Grammar

1. Zamer, Uski Tareef aur Qismen in details (Book Urdu Qawaid by Molvi Abdul Haq)
2. Pedagogy of Language Development.

MTET SYLLABUS- 2023
SUBJECT – MIL (MIZO)
PAPER-II

Full Mark-30

A. Prose:

- | | | |
|---------------------------------|---|-----------------|
| 1. Sihchangnei i thawnthu | - | MBSE |
| 2. Zuk leh hmuam | - | Thanseia-MBSE |
| 3. Mizo Thufing | - | MBSE |
| 4. Thailungi | - | MBSE |
| 5. Ho Mai Mai | - | MBSE |
| 6. Rinawmna ber Lawmman dawngtu | - | MBSE |
| 7. Nungcha | - | R.C.Thanga-MBSE |
| 8. Tawng Upa | - | MBSE |
| 9. Liandova te unau | - | MBSE |

B. Poetry:

- | | | |
|--|---|----------------------|
| 1. Lawmthu Kan Hrilh Che | - | C. Saikhuma-MBSE |
| 2. Bei La, Beinawn Rawh | - | Zosapthara-MBSE |
| 3. Aw Chhandamtu Sual Leh Buaina Karah | - | Suakliana-MBSE |
| 4. Mizo Fate U, Finna Zawng Ula | - | Thanga-MBSE |
| 5. Tlawmngaihna Hlu | - | Rokunga-MBSE |
| 6. Chukchurikur | - | M.S.Dawngliana-MBSE |
| 7. Rinawmna | - | C. Chhuanvawra-MBSE |
| 8. Kanu Hmangaihna Aw Nem Chuan Lettu | - | Kaphleia- MBSE |
| 9. Zotui Thiang Te | - | Lettu-Biakliana-MBSE |

C. Grammar:

1. Gender
2. Mizo Tawng Hman Dan Dik Leh Dik Lo
3. Tawng Upa
4. Part of Speech
5. Numbers
6. Thuziak Zawm Leh Zawm Loh Tur.

MTET SYLLABUS- 2023

SUBJECT: LANGUAGE-II (ENGLISH)

PAPER – II

Full Marks-30

A. Constructivist Approach to Language Learning:

Create awareness about making connections between the child's language (Home language) and School language inside and outside the classroom

1. Functional Aspects of Language

(3 marks)

- What is Language?
- Construct language in different situations
- Functions of language

2. Social Context of Language

(3 marks)

- Influence of mother tongue on language learning
- Multilingual nature of classroom
- Status of English in India

3. Early Literacy

(6 marks)

- Oral language development through activities (requests and commands, story-telling, role-plays, songs/rhymes/poems, language games & chants)
- Developmental stages of reading and writing
- Phonemic awareness

4. Reading

(5 marks)

- Types of Reading
- Reading across the curriculum (content and narrative texts)
- Role of Schema
- Reading beyond the Textbooks

5. Writing

(5 marks)

- Process and purpose of writing (sense of audience; writing process rather than product)
- Composition and Grammar
- Making reading and writing connections

B. Assessment

(3 marks)

- Understanding assessment in a constructivist, process-oriented classroom (ability to respond to content rather than form and structures; using portfolios)

C. Internship

(5 marks)

- Reflective Journals (writing report)
- Maintain profiles of children

MTET SYLLABUS-2023

SUBJECT: MATHEMATICS

PAPER-II

Full Marks-30

Pedagogical Issues:

(10 mark)

1. Building blocks of mathematics — definition, axioms, conjecture, proof and counter examples.
2. Place of mathematics in the school curriculum.
3. Mathematics outside the classroom.
4. ICT tools and resources; learning apps and software.
5. Methods of Teaching Mathematics (Inductive-Deductive, Analysis-Synthesis, Project, Problem solving, Discovery)
6. Assessment and evaluation in Mathematics.
7. Community Mathematics.

Content Knowledge:

(20 marks)

1. Number System — natural number, whole number, rational numbers and integers.
2. Prime and composite numbers.
3. Factors and multiples including LCM & HCF.
4. Ratio and proportion with applications.
5. Discount, profit and loss.
6. Introduction to Algebra; Variables, coefficient to variables and constants.
7. Linear equations, algebraic identities e.g. $(a \pm b)^2$; $a^2 - b^2$ and their applications.
8. Lines, angles, triangles and their properties.
9. Symmetry: (reflection)
10. Area and perimeter of triangle, rectangle, parallelogram and circle with applications
11. Bar Graph, mean, median, mode.

Reference:

- MBOSE textbooks Class 1,2,3,4,5,6,7,8.
- D.El.ED Curriculum, Meghalaya (2015).

MTET SYLLABUS- 2023

SUBJECT: SCIENCE

PAPER – II

Full Marks-30

- Unit-I** Nature of Science - characteristics, Scientific knowledge, Scientific Inquiry, Scientific method and Scientific Attitude.
- Unit-II** Learning objectives - Science with reference to NCF 2005.
- Unit-III** Assessment- Types, Purpose, Tools and Techniques.
- Unit-IV** Approaches to Teaching Science – Observation, Experiment, Hands on Activities, Concept Map, Constructivism.
- Unit-V** Learning Teaching Resources – Use of Local Resources, Textbooks, ICT, Laboratories, Field Trip, Films, Science Exhibition.
- Unit-VI** School Science Concepts - Content Areas.
- Motion, force and Energy
 - Heat and Temperature
 - Light and Electricity
 - States of Matter
 - Acids, Bases and Salts
 - Chemical Symbols and Formulae
 - Plant and Animal Cell
 - Nutrition in Plants and Animals
 - Respiration in plants and animals
 - Circulation in Animals

Reference Books:

1. DERT; Government of Meghalaya, Shillong; D.El.Ed Curriculum Meghalaya (2015)
2. MBOSE Text Books classes (III to X) (Meghalaya) Science (V to X).

MTET SYLLABUS-2023
SUBJECT: SOCIAL SCIENCE

PAPER-II

Total Marks-60

1. **Nature and Scope of Social Science** **(5 marks)**
- 1.1 Concept of Social Science
 - 1.2 Differences between Social Studies and Social Science.
 - 1.3 Learning objectives of Social Science.
 - 1.4 Approaches in Social Sciences: Systematic and Regional Approach; Reconstruction of History through evidences; Inter-Disciplinary Approach; Theme based approach; Inquiry and Reflective Approach.
2. **Pedagogy and Learning Resources.** **(15 marks)**
- 2.1. Oral Histories.
 - 2.2. Case Studies.
 - 2.3. Critical Pedagogy.
 - 2.4 Co-operative Learning.
 - 2.5. Experiential Learning including Field study.
 - 2.6. Projects.
 - 2.7. Observations.
 - 2.8. Dialogue and Discussion.
 - 2.9. Brainstorming.
 - 2.10. Concept Mapping and Mind Mapping.
 - 2.11. Discovery Learning.
 - 2.12. Problem Solving.
 - 2.13. Role Play and Dramatisation.
 - 2.14. Contextualization.
 - 2.15. Picture Analysis.
 - 2.16. Stories.
 - 2.17. Inquiry learning.

- 2.18. Digital Pedagogy.
- 2.19. Reflective learning.
- 2.20. Theme based learning.
3. **Learning Resources: Print; Non-Print; Digital Learning Resources.** (10 marks)
4. **Assessment for Social Science** (10 marks)
- 4.1 Understanding Formative and Summative Assessment.
- 4.2 Differences between assessment and evaluation.
- 4.3 Learning outcomes in Social Science at the elementary level as per NCERT LO document.
- 4.4 Assessment Techniques and Tools.
- 4.5 Recording, Reporting and Documentation of assessment outcomes.
5. **Social Science Knowledge.** (20 marks)
- 5.1 Sources of History.
- 5.2 Earliest civilizations.
- 5.3 Foundation and consolidation of the Mughal empire in India.
- 5.4 Indian National Movements and Contribution of Tirot Sing, Kiang Nangbah and Pa Togan Sangma in Indian National Movement.
- 5.5 Partition, Transfer of Power and Making of the Indian constitution.
- 5.6 Hill State Movement in Meghalaya.
- 5.7 The Indian Constitution: Preamble and Salient Features of Indian Constitution.
- 5.8 Organs of the Government.
- 5.9 Forms of Government: Democracy (Direct, Indirect and Representative Democracy) and Dictatorship.
- 5.10 Structure of Government: Unitary and Federal, Parliamentary and Presidential Government.
- 5.11 Concept of Nation and State.
- 5.12 Social Structure and Social Stratification.

- 5.13 Community and Socio-Political groups.
- 5.14 Government for Development.
- 5.15 Understanding Media.
- 5.16 Map: Features; Types.
- 5.17 The Earth and its Movements.
- 5.18 Rock and Minerals.
- 5.19 Weather and Climate.
- 5.20 Drainage system.
- 5.21 Natural Vegetation and Wild life.
- 5.22 Physical features of India/Meghalaya.
- 5.23 Water and Oceans.
- 5.24 International and State boundaries.
- 5.25 Population.
- 5.26 Human activities – Primary Activities; Secondary Activities;
Tertiary Activities; Quaternary Activities.
- 5.27 Transport and Communication.
- 5.28 Pollution.
- 5.29 Natural hazards and Disaster managements.
- 5.30 Sectors of the Indian Economy.
- 5.31 Understanding Banking; Types of Accounts.
- 5.32 Consumer Right and Protection.