

MIZORAM PUBLIC SERVICE COMMISSION
Mizoram New Capital Complex
Aizawl

Advertisement No. 25 of 2025 - 2026

Dated Aizawl, the 18th August, 2025

No.A.12026/12/2025-MPSC(PRE): Direct Recruitment Examination for the under mentioned post is to be conducted by the Mizoram Public Service Commission. Application can be submitted through the Mizoram Public Service Commission's online portal <https://mpsconline.mizoram.gov.in> till **18.09.2025**

Probable applicants who have not registered in the one-time-registration portal must register latest by 4:00 pm on the last date of submission of application

An Applicant must verify that his/her application is actually submitted after payment is made, otherwise the claim of the applicants regarding his/her Candidature will not be entertained.

- 1. Name of Post : Junior Engineer**
- 2. Name of Department : Agriculture & Farmers Welfare**
- 3. Classification : Group 'B' (Non-Gazetted)**
- 4. No. of Posts : 2 (Two)**
- 5. Pay : Level 7 in the Pay Matrix (Rs.39,100 – Rs.86,800)**
- 6. Conditions of Eligibility :**

I. Educational Qualifications:

HSLC with 3 years Diploma in Agriculture Engineering or above from a recognised Institution.

II. Computer Proficiency:

Computer Proficiency as prescribed by the Mizoram Group 'A', 'B' and 'C' posts Service/Recruitment (Amendment) Rules, 2023 notified vide No. A.12018/31/2020- P&AR (GSW) dated 10.03.2023. (Click for details at <https://tinyurl.com/comp-proficiency>.)

III. Age Limit:

A candidate must not be less than 18 years and not more than 35 years of age on the last date of application. Upper age limit is relaxable up to 5 years in case of ST/SC candidates or as may be notified by the Government from time to time. For age proof, HSLC/HSSLC Certificates which clearly shows the candidate's date of birth shall be accepted. In the absence of date of birth in such certificates, the relevant documents issued by the competent authority may be accepted. (Click for details at <https://tinyurl.com/age-relaxa>.)

IV. Mizo Language Proficiency:

A candidate must achieve a minimum score in the qualifying test of Mizo Language Proficiency as prescribed by the Government from time to time. However, a candidate who studied Mizo subject in Class-X standard(HSLC) or above within Mizoram or who opted for Mizo subject as MIL outside Mizoram is exempted from taking the qualifying test paper(Reference: the

Mizoram Gazette Notification vide No. A- 11019/1/2021-P&AR(GSW) dt.09.04.2024 issue No.247).].(Details can be seen on <https://tinyurl.com/mizo-language-proficiency>.)

Documentary support to prove all eligibility conditions should not be dated later than the last date of application.

7. Disqualifications :

- (i) Canvassing by a candidate directly or indirectly will disqualify his/her candidature.
- (ii) Particulars/Details to be mentioned in the application should be completely and correctly stated. Any application not specifying the required information of a concerned candidate shall be liable to be rejected.
- (iii) **Any candidate who, on verification at any stage of the recruitment process, does not fulfill any of the eligibility conditions will be disqualified.**

8. Expulsion of Candidate:

- (i) Where a candidate is found guilty of misconduct or malpractice or any offence in the examination he shall be expelled and shall not be allowed to continue the examination. In such cases, the Centre Superintendent shall submit a report in the prescribed form (*Appendix – XII of MPSC (Conduct of Examinations) Guidelines, 2023*) to the Controller of Examinations, stating in full the facts and situation accompanied by the evidence against the candidate in a sealed cover.
- (ii) When a candidate is suspected of using unfair means during the Examination by the Centre Superintendent but lacking in proof of the candidate's misdeeds to warrant expulsion, the Centre Superintendent may allow him/her to continue the examination. However, the Centre Superintendent has to make a special report enclosing the answer book and any other incriminating documents, if any, in a sealed cover to the Controller of Examinations, clearly indicating in red ink the portions wherein unfair means is suspected to have been practiced.
- (iii) Any candidate threatening or intimidating any Invigilator will be expelled from the examination hall/room immediately and the matter will be reported to the Controller of Examinations as well as the local police.
- (iv) In the event of any contingencies, which calls for immediate action, appropriate action will be taken on the candidate under The Mizoram Prevention of Malpractices at Examination Act, 1990 and Bharatiya Nagarik Suraksha Sanhita (BNSS), 2023.

9. Debarment:

Candidate(s) charged under Guideline 29 (i) or (ii) or (iii) of Mizoram Public Service Commission (Conduct of Examinations) Guidelines, 2023 and found guilty may be debarred from appearing in any examinations/recruitment conducted by the Mizoram Public Service Commission. The Commission will maintain a record of this and the same shall be sent to Union Public Service Commission as well as other State Public Service Commissions. Candidate(s) debarred by the Union Public Service Commission and other State Public Service Commissions shall also automatically be debarred by the Mizoram Public Service Commission.

10. Government servants will have to apply through proper channel.

11. **Syllabus** for the examination is available for download on the Commission's official website <https://shorturl.at/ITkmZ>

12. Any additional information regarding this advertisement will be published on the Commission's official website.

13. **If payment is to be done through UPI, it may be done using only the mobile number used for one time registration. Persons with disabilities are exempted from payment of application fees. Fees once paid is non-refundable under any circumstances.**

*In case of queries/clarification regarding their applications, candidature, etc. candidates may contact MPSC's **Helpline No. 0389-3596493** on working days between **10:00 AM and 4:00 PM.***

Sd/-Dr. H. LIANZELA

Secretary

Memo No. A.12026/12/2025-MPSC(PRE)

Dated Aizawl, the 18th August, 2025

Copy to:-

1. Sr.PPS to Chairman, Mizoram Public Service Commission, Aizawl.
2. PS to Secretary, Mizoram Public Service Commission, Aizawl.
3. Under Secretary to the Govt. of Mizoram, DP&AR(GSW) reference to letter No.A.32013/5/2025-P&AR(GSW) dt. 02.05.2025.
4. All Administrative Departments, Govt. of Mizoram.
5. All Heads of Departments, Govt. of Mizoram.
6. Deputy Commissioners, Aizawl / Lunglei / Siaha / Champhai / Kolasib / Serchhip / Lawngtlai / Mamit / Saitual / Khawzawl / Hnahthial for displayed in the Notice Board.
7. Resident Commissioner / Additional / Joint / Deputy / Asst. Resident Commissioners, Mizoram Houses – New Delhi / Kolkata / Mumbai / Guwahati / Shillong / Silchar / Bengaluru for display in the Notice Board of Mizoram Houses.
8. District Employment Officer, Aizawl, Lunglei, Siaha and Champhai for display in the Notice Board.
9. Notice Board.
10. Guard File.



(NGURMUANKIMA SAILO)

Under Secretary

SYLLABUS FOR JUNIOR ENGINEERING(AGRICULTURAL ENGG)
EXAMINATION UNDER AGRICULTURE DEPARTMENT(CH)-2018

GENERAL ENGLISH (100 marks)

- (a) Essay Writing (Conventional)20 Marks
- (b) Idioms & Phrases (Objective Type)16 Marks
- (c) Comprehension of given passages (Objective Type)16 Marks
- (d) Grammar (Objective Type)16 Marks
 - Parts of Speech : Nouns, Adjective, Verb, Adverb, Preposition, etc.
- (e) Composition (Objective Type).....16 Marks
 - i)Analysis of complex and compound sentences
 - ii)Transformation of sentences
 - iii)Synthesis of sentences
- (f) Correct usage and vocabularies (Objective Type)16 Marks

Technical Paper – I (Full Marks : 150)
(Objective Type/MCQ)

1 Irrigation and Drainage Engineering

60 Marks

Definition of Irrigation, Geometry of Irrigation Channel; Types of Irrigation; Sources of Irrigation water; Different parts of Irrigation Canals & their functions; Uniform flow formulae; Measurement of Irrigation water; Design of Irrigation canals – Chezy's formula, Manning's formula, Kennedy's and Lacey's silt theories and equations; Field Application of Irrigation water; Empirical methods for estimating consumptive use; Design principles and practices for surface Irrigation systems; Lining of Irrigation channels – Advantage and disadvantages. Numerical problems. Surface water distribution systems; Water Conveyance and Control: Open channels; Definitions; Discharge capacity of channels; Structures to control irrigation channels; Water control and Diversion structures; Land grading and Field Layout.

2 Water requirement of crops

30 Marks

Concepts of crop water requirement; Field irrigation requirement; Crop season; Duty; Delta and Base Period, their relationship; Definitions and Terminology; Gross Command Area; Culturable Command Area; Intensity of irrigation; Factors affecting Consumptive use; Numerical problems.

3 Hydrology

30 Marks

Definition and Scope; Hydrologic cycle; Hydrograph; Rainfall and Run-off Analysis; Factors affecting runoff; Estimation of runoff; Salient characteristics of a Basin; Infiltration; Ground water Hydrology; Terminology.

4 Soil Mechanics and Foundation Engineering

15 Marks

Definition of soil; Different Soil Classifications; Grain size classification; Types of soil and their properties; Terms used in soil mechanics; Load bearing capacity of soil; Factors affecting the safety of structures; Causes of failure of foundations.

5 Farm Power and Machinery

15 Marks

Sources of farm power and scope of mechanization; Engine types; Engine speeds; Mechanical Efficiency; Comparison between Diesel and Carburettor Engines; Comparison between Two and Four stroke cycle engines; Transmission of power: Horse power transmitted; Velocity ratio; Tillage.

Technical Paper – II (Full Marks : 150)
(Objective Type/MCQ)

1. Soil and Water Conservation Engineering

40 Marks

Classification of Rainfall; Computation of Rainfall; Run off, its process, Time of Concentration T_c ; Land use capability classification Based on the slope of Land; Terminology. Soil Conservation structures: Design requirements of Permanent structures, Design procedures; Basic components of soil conservation structures; Drop spillway; Froud number; Hydraulic jump. Numerical problems.

2. Tube Wells and Pumps

35 Marks

Types of Tube wells; Terminology; Discharge or Drawal of Tube well; Methods for drilling Tube wells; Ground water and Aquifers; Ground water replenishment; Hydraulics of Wells; Design of Irrigation Wells; Methods of water measurements; Weirs; Parshall flumes; Orifices; Irrigation Pumps: Indigenous water lifts; Positive displacement pumps; Centrifugal pumps; Hydraulic ram.

3. Surveying and Levelling

20 Marks

Units of Measurements; Basic Units of Length, Area, Volume, SI Units; Derived Units; Scales; Measurement of distances and Areas; Chain Surveying; Levels, Levelling and Topographical surveying;

4. Concrete Technology

20 Marks

Types of cements; Properties of cement; Aggregates; Water; Admixtures; Proportioning of Concrete, its Methods; Curing of concrete; Water proofing of concrete; Concrete; Types of Concrete; Concrete mixture for the structure; Fuller's rule for Cement mixture.

5. Mechanics of Structures/Farm Structures.

15 Marks.

Stress and Strain; Hooke's Law; Lateral and Longitudinal Strain; Poisson's Ratio; Bulk Modulus; Relation amongst E, N and K; Beam; Distribution of Shear stress; Direct and Bending stress; Torsion of shafts; Columns and Struts. Factors for selecting the sites of the farm buildings; Building materials; Classification, characteristics and uses of bricks; Terminology.

6. Aptitude Test

20 Marks.

a Numerical And Figurework Tests: (4 Marks)

These tests are reflections of fluency with numbers and calculations. It shows how easily a person can think with numbers. The subject will be given a series of numbers. His/Her task is to see how the numbers go together to form a relationship with each other. He/She has to choose a number which would go next in the series.

b Verbal Analysis And Vocabulary Tests: (6 Marks)

These tests measure the degree of comfort and fluency with the English language. These tests will measure how a person will reason with words. The subject will be given questions with alternative answers, that will reflect his/her command of the rule and use of English language.

c Visual And Spatial/3-D Ability Tests: (4 Marks)

These tests are used to measure perceptual speed and acuity. The subject will be shown pictures where he/she is asked to identify the odd one out; or which comes next in the sequence or explores how easily he/she can see and turn around objects in space.

d Abstract Reasoning Tests: (6 Marks)

This test measures the ability to analyse information and solve problems on a complex, thought based level. It measures a person's ability to quickly identify patterns, logical rules and trends in new data, integrate this information, and apply it to solve problems.