**ANNEXURE - IV**

# SCHEME OF SYLLABUS FOR COMPETITIVE EXAMINATION FOR NON-TEACHING POSTS IN NIT MIZORAM

## 1. TECHNICAL ASSISTANT (TA): DIRECT RECRUITMENT EXAMINATION

**I. MODE OF SELECTION:** The Mode of Selection will be as follows:-

(i) Candidates fulfilling the minimum eligibility conditions will be considered **provisionally eligible** and they will be called for the Competitive Written Examination carrying 200 marks (Paper-I of 100 marks + Paper-II of 100 marks).

(ii) Candidates securing the minimum qualifying marks in the Competitive Written Examination will be called for Trade Test carrying 50 marks. Trade Test is qualifying nature. Assessment will not be done on the basis of marks for Trade Test.

(iii) Candidates will be recommended for appointment, **in order of merit,** on the basis of their performance in the Competitive Written Examination.

(iv) Success in the examination confers no right of appointment unless the Institute is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects of appointment to the service/post.

**II. SCHEME OF EXAMINATION:** The examination will consist of a **Competitive Written Examination Paper I (Maximum Marks 100)** and **Paper II (Maximum Marks 100)**.

**Scheme of Competitive Written Examination and Syllabus:** The Competitive Written Examination will consist of **Two Objective Type Papers**, as follows:-

**Paper I:** Total Marks = 100

| Part | Subject | Maximum Marks | Minimum Qualifying Marks | Duration | Compensatory time* |
|---|---|---|---|---|---|
| Part A | General Aptitude & Reasoning | 30 | 30 | 2 hours | 40 minutes |
| Part B | General Knowledge | 30 | | | |
| Part C | General English | 40 | | | |

** PWD Candidates availing scribe / reader / lab. assistant.*

**Paper II:** Total Marks = 100

| Subject | Maximum Marks | Minimum Qualifying Marks | Duration | Compensatory time* |
|---|---|---|---|---|
| Diploma Level in Engineering of the concerned Branch | 100 | 40 | 2 hours | 40 minutes |

** PWD Candidates availing scribe / reader / lab. assistant.*

**INDICATIVE SYLLABUS:**

**Paper I**

**Part–A: General Aptitude & Reasoning:** The test will include questions on analogies, similarities and differences, problem solving, analysis, judgment, decision making, visual memory, relationship concepts, verbal and figure classification, arithmetical number series, non-verbal series etc. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationship and other analytical functions.

**Part–B: General Knowledge**: Questions in this component will be aimed at testing the candidates' general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to National Institute of Technology Mizoram, Mizoram, North-Eastern States, India and other countries especially pertaining to Sports, History, Culture, Geography, Economic Scene, General Polity and Scientific Research.

**Part–C: General English**: Questions in this component will be designed to test the Candidate's understanding and knowledge of English Language like Error recognition, Fill in the blanks (using verbs, preposition, articles etc.), One word substitution, Improvement of Sentences, Vocabulary, Spellings, Grammar, Sentence Structure, Synonyms, Antonyms, Sentence Completion, Phrases and Idiomatic use of words, Comprehension of Passages.

**Paper II: Concern Subject in Engineering**

Questions in this component will be designed at Diploma Level in Engineering of concern Branch.

**Trade Test:** Candidates who qualify in the Competitive Written Examination will be called for Trade Test. Trade Test is **qualifying nature**. Assessment will not be done on the basis of marks for Trade Test. Questions will be designed to test the candidate's knowledge of concerned subject of specialization.

| Subject/Test | Maximum Marks | Minimum Qualifying Marks | Duration | Compensatory time* |
|---|---|---|---|---|
| Trade Test – Concerned subject in Engineering | 50 | 15 | 45 minutes | 20 minutes |

* *PWD Candidates availing scribe / reader / lab. assistant.*

**III. RESOLUTION OF TIE CASES:** Tie cases will be resolved by applying one after another, as applicable till the tie is resolved, as follows: -

(i) Candidates securing higher marks in Paper - II of Competitive Examination shall be placed higher.
(ii) Candidates securing higher marks in Part – 'A' of Paper - I of Competitive Examination shall be placed higher.
(iii) Date of Birth, with older candidate placed higher.
(iv) Alphabetical order in which the names of the candidate appear.

**Note: -**
1. Pertaining to Persons with Benchmark Disability (PwD), the minimum qualifying marks is relaxable at the discretion of NIT Mizoram, if at any stage of the selection process; the Institute is of the opinion that sufficient number of candidates from the reserved categories are not likely to be available to fill up the vacancy reserved for them.

## 2. STENOGRAPHER: DIRECT RECRUITMENT

**I. MODE OF SELECTION:** The Mode of Selection will be as follows:-

(i) Candidates fulfilling the minimum eligibility conditions will be considered **provisionally eligible** and they will be called for the Competitive Written Examination carrying 100 marks.

(ii) Candidates securing the minimum qualifying marks in the Competitive Written Examination will be called for Stenography Test (Qualifying nature).

(iii) Candidates who qualify in the Stenography Test will be recommended for appointment, **depending on the number of vacant post and in order of merit on the basis of the competitive written examination**.

(iv) Success in the examination confers no right of appointment unless the Institute is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects of appointment to the service/post.

**II. SCHEME OF EXAMINATION:** The examination will consist of a **Competitive Written Examination (Maximum Marks 100)** and **Stenography test (Qualifying nature)**.

**A. Scheme of Competitive Written Examination and Syllabus:** The Competitive Written Examination will consist of **One Objective Type Paper**, as follows:-

| Part | Subject | Maximum Marks | Minimum Qualifying Marks | Duration | Compensatory Time* |
|---|---|---|---|---|---|
| Part A | General Aptitude & Reasoning | 30 | 30 | 2 hours | 40 minutes |
| Part B | General Knowledge | 30 | | | |
| Part C | General English | 40 | | | |

* *PWD Candidates availing scribe / reader / lab. assistant.*

**INDICATIVE SYLLABUS:**

**Part–A: General Aptitude & Reasoning:** The test will include questions on analogies, similarities and differences, problem solving, analysis, judgment, decision making, visual memory, relationship concepts, verbal and figure classification, arithmetical number series, non-verbal series etc. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationship and other analytical functions.

**Part–B: General Knowledge**: Questions in this component will be aimed at testing the candidates' general awareness of the environment around him and its

application to society. Questions will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to National Institute of Technology Mizoram, Mizoram, North-Eastern States, India and other countries especially pertaining to Sports, History, Culture, Geography, Economic Scene, General Polity and Scientific Research.

**Part–C: General English**: Questions in this component will be designed to test the Candidate's understanding and knowledge of English Language like Error recognition, Fill in the blanks (using verbs, preposition, articles etc.), One word substitution, Improvement of Sentences, Vocabulary, Spellings, Grammar, Sentence Structure, Synonyms, Antonyms, Sentence Completion, Phrases and Idiomatic use of words, Comprehension of Passages.

**B. Stenography Test:** Stenography Test is of **qualifying nature**. Candidates who qualify in the Competitive Written Examination will be called for the Stenography Test.

| **Category of Candidate** | **Dictation** | | **Time of Transcription** | **Maximum permissible error** |
|---|---|---|---|---|
| | **Speed** | **Duration[42]** | | |
| General Candidate | 80 w.p.m | 3 minutes | 40 minutes | 10% |
| VH Candidate | 80 w.p.m | 3 minutes | 65 minutes | 10% |

**Note:-**

1. The matter will have to be transcribed on computer only.
2. There is no exemption from Stenography Test for any category of candidates.
3. The transcription time is including time for reconciliation.
4. The Institute may reduce the qualifying standard to fill up post reserved for various categories only if there are no adequate candidates from the reserved category for which the post is reserved.

**III. RESOLUTION OF TIE CASES:** Tie cases will be resolved by applying one after another, as applicable till the tie is resolved, as follows:-

(i) Candidates securing higher marks in Part-C shall be placed higher.
(ii) Date of Birth, with older candidate placed higher.
(iii) Alphabetical order in which the names of the candidate appear.

**Note:-**

1. Pertaining to Persons with Benchmark Disability (PwD), the minimum qualifying marks is relaxable at the discretion of NIT Mizoram, if at any stage of the selection process; the Institute is of the opinion that sufficient number of candidates from the reserved categories are not likely to be available to fill up the vacancy reserved for them.

## 3. TECHNICIAN: DIRECT RECRUITMENT EXAMINATION

**I. MODE OF SELECTION:** The Mode of Selection will be as follows:-

(i) Candidates fulfilling the minimum eligibility conditions will be considered **provisionally eligible** and they will be called for the Competitive Written Examination carrying total **100 marks.**

(ii) Candidates will be recommended for appointment, **in order of merit,** on the basis of their performance in the Competitive Written Examination.

(iii) Success in the examination confers no right of appointment unless the Institute is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects of appointment to the service/post.

**II. SCHEME OF EXAMINATION:** The examination will consist of a **Competitive Written Examination (Maximum Marks 100)** and **Trade Test (Maximum Marks 50)**.

**A. SCHEME OF EXAMINATION:** The Competitive Written Examination will consist of **One Objective Type Papers**, as follows:-

| Part | Subject | Maximum Marks | Minimum Qualifying Marks | Duration | Compensatory time* |
|---|---|---|---|---|---|
| Part A | General Aptitude & Reasoning | 30 | 30 | 2 hours | 40 minutes |
| Part B | General Science | 30 | | | |
| Part C | General Knowledge | 40 | | | |

** PWD Candidates availing scribe / reader / lab. assistant.*

**INDICATIVE SYLLABUS:**

**Part – A: General Aptitude & Reasoning:** The test will include questions on analogies, coding decoding, similarities and differences, problem solving, blood relation, analysis, judgment, decision making, visual memory, relationship concepts, verbal and figure classification, arithmetical number series, non-verbal series, directions, missing numbers, order & ranking etc. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationship and other analytical functions.

**Part-B: General Science**: Questions in this component will be designed to test the Candidate's understanding and knowledge of General Science like Biology, Physics, Chemistry, Environment etc.

**Part-C: General Knowledge**: Questions in this component will be aimed at testing the candidates' general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to National Institute of Technology Mizoram, Mizoram, North-Eastern States, India and other countries especially pertaining to Sports, History, Geography, Economic Scene, General Polity, Scientific Research, Award & Honours, Science & Technology, Art & Culture.

**Trade Test: Trade Test is** of **qualifying nature**. Candidates who qualify in the Competitive Written Examination only will be called for Trade Test carrying 50 marks. Assessment will not be done on the basis of marks for Trade Test. Questions will be designed to test the candidate's knowledge of concerned subject of specialization.

| **Subject/Test** | **Maximum Marks** | **Minimum Qualifying Marks** | **Duration** | **Compensatory time*** |
|---|---|---|---|---|
| Trade Test | 50 | 15 | 45 minutes | 20 minutes |

* *PWD Candidates availing scribe / reader / lab. assistant.*

**III. RESOLUTION OF TIE CASES:** Tie cases will be resolved by applying one after another, as applicable till the tie is resolved, as follows:-

(i) Candidates securing higher marks in Part – 'A' in the Competitive Written Examination shall be placed higher.
(ii) Date of Birth, with older candidate placed higher.
(iii) Alphabetical order in which the names of the candidate appear.

**Note:-**

1. Pertaining to Persons with Benchmark Disability (PwD), the minimum qualifying marks is relaxable at the discretion of NIT Mizoram, if at any stage of the selection process; the institute is of the opinion that sufficient number of candidates from the reserved categories is not likely to be available to fill up the vacancy reserved for them.

## 4. OFFICE ATTENDANT: DIRECT RECRUITMENT EXAMINATION

**I. MODE OF SELECTION:** The Mode of Selection will be as follows:-

(i) Candidates fulfilling the minimum eligibility conditions will be considered **provisionally eligible** and they will be called for the Competitive Written Examination carrying 100 marks.

(ii) Candidates securing the minimum qualifying marks will be recommended for appointment, **depending on the number of vacant post and in order of merit**.

(iii) Success in the examination confers no right of appointment unless the Institute is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects of appointment to the service/post.

**II. TRADE TEST:** Notwithstanding *Clause I (i)* above, a **Trade Test** with Knowledge of Basic Computer Applications (Word Processing, Spread Sheet etc.)

**OR**

Driving Test (2 wheeler/Light Vehicle) - under the supervision of MVI, Carrying 50 marks which is of **qualifying nature** will be conducted. Candidates securing 20 marks and above shall be declared qualified for the Competitive Written Examination.

**III. SCHEME OF EXAMINATION:** The Competitive Written Examination will consist of **One Objective Type Paper** as shown below:-

| Part | Subject | Maximum Marks | Minimum Qualifying Marks | Duration | Compensatory time* |
|---|---|---|---|---|---|
| Part A | General Aptitude & Reasoning | 30 | 30 | 2 hours | 40 minutes |
| Part B | General Knowledge | 30 | | | |
| Part C | General English | 40 | | | |

* *PWD Candidates availing scribe / reader / lab. assistant.*

**INDICATIVE SYLLABUS:**

Questions on Numerical Aptitude and General English will be simple, of a level that an average matriculate will be in a position to answer comfortably. Questions on General Awareness will be also of similar standard. Questions on General Intelligence will be non-verbal considering the functions attached to the post.

**Part-A: General Aptitude & Reasoning:** It would include questions of non-verbal type. The test will include questions on similarities and differences, problem solving, analysis, judgment, decision making, relationship concepts, arithmetical number series, non-verbal series. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationship, arithmetical computation and other analytical functions.

**Part-B: General Knowledge:** Questions will be designed to test the ability of the candidate's general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observation and experience in their scientific aspects as may be expected of an educated person. The test will include questions relating to National Institute of Technology Mizoram and Mizoram especially pertaining to Sports, History, Culture, Geography, Economic scene and General Polity. These questions will be such that they do not require a special study of any discipline.

**Part-C: General English:** Candidates' understanding of the Basics of English Language, its vocabulary, grammar, sentence structure.

**IV. RESOLUTION OF TIE CASES:** Tie cases will be resolved by applying one after another, as applicable till the tie is resolved, as follows:-

(i) Candidates securing higher marks in Part-A shall be placed higher.
(ii) Candidates securing higher marks in Part-C shall be placed higher.
(iii) Date of Birth, with older candidate placed higher.
(iv) Alphabetical order in which the names of the candidate appear.

**Note:-**

1. Pertaining to Persons with Benchmark Disability (PwD), the minimum qualifying marks is relaxable at the discretion of NIT Mizoram, if at any stage of the selection process; the Institute is of the opinion that sufficient number of candidates from the reserved categories are not likely to be available to fill up the vacancy reserved for them.