

- I. **Mode of selection for Technician-1 (Support Staff):** The candidates as recommended by the Screening Committee will be invited for Trade Test. Those who qualify in the Trade Test will be invited for a competitive written examination. The final merit list will be prepared on the basis of the performance of the candidate in the competitive written examination.

Mode of Examination for Technician-1 (Support Staff):

A. Technician-1 (Group II)

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|-------------------------------|---|
| Mode of Examination | OMR Based or Computer Based Objective Type Multiple Choice Examination |
| Medium of Questions | The questions will be set both in English and Hindi except the questions on English Language. |
| Standard of exam | SSC + ITI / XII th Standard |
| Total No. of Questions | 150 |
| Total Time Allotted | 2 hours 30 minutes |

Paper-I (Time Allotted – 1 hour)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|----------------------|------------------|---|--|
| Mental Ability Test* | 50 | 100 (two marks for every correct answer) | <u>There will be no negative marks in this paper</u> |

*Mental Ability Test will be so devised so as to include General Intelligence, Quantitative Aptitude, Reasoning, Problem Solving, Situational Judgement, etc.

Paper – II (Time Allotted – 30 minutes)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|-------------------|------------------|--|--|
| General Awareness | 25 | 75 (three marks for every correct answer) | One negative mark for every wrong answer |
| English Language | 25 | 75 (three marks for every correct answer) | One negative mark for every wrong answer |

Paper-III (Time Allotted – 1 hour)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|-------------------|------------------|---|--|
| Concerned Subject | 50 | 150 (three marks for every correct answer) | One negative mark for every wrong answer |

II. Selection Procedure for the TECHNICAL ASSISTANT and TECHNICAL OFFICER

The candidates as recommended by the Screening Committee will be invited for Trade Test. Those who qualify in the Trade Test will be invited for a competitive written examination. The final merit list will be prepared on the basis of the performance of the candidate in the competitive written examination.

B. Mode of Examination for Technical Assistant [Erstwhile Group III(1) & III(2)]

For these posts, there will be three papers. The second and third paper will be evaluated only for those candidates who secure the minimum threshold marks (to be determined by the Selection Committee) in the first paper.

| | |
|-------------------------------|---|
| Mode of Examination | OMR Based or Computer Based Objective Type Multiple Choice Examination |
| Medium of Questions | The questions will be set both in English and Hindi except the questions on English Language. |
| Standard of exam | Diploma / Graduation Level (based on the advertised qualification of the post). |
| Total No. of Questions | 200 |
| Total Time Allotted | 3 hours |

Paper-I (Time Allotted – 1 hour)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|----------------------|------------------|---|--|
| Mental Ability Test* | 50 | 100 (two marks for every correct answer) | <u>There will be no negative marks in this paper</u> |

**Mental Ability Test will be so devised so as to include General Intelligence, Quantitative Aptitude, Reasoning, Problem Solving, Situational Judgement, etc.*

Paper – II (Time Allotted – 30 minutes)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|-------------------|------------------|--|--|
| General Awareness | 25 | 75 (three marks for every correct answer) | One negative mark for every wrong answer |
| English Language | 25 | 75 (three marks for every correct answer) | One negative mark for every wrong answer |

Paper-III (Time Allotted – 90 minutes)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|-------------------|------------------|---|--|
| Concerned Subject | 100 | 300 (three marks for every correct answer) | One negative mark for every wrong answer |

C. Mode of Examination for Technical Post of Technical Officer [Group III(3)]

There will be three papers. The Paper II and Paper III will be evaluated only for those candidates who secure the minimum threshold marks (to be determined by the Selection Committee) in Paper I.

Mode of Examination – OMR Based or Computer Based Objective Type Multiple Choice Examination.

Medium of Questions – The questions will be set both in English and Hindi except the questions on English Language.

Standard of exam – Post Graduate Diploma / Post Graduation / B.E. / B.Tech level (based on the advertised qualification of the post).

Total No. of Questions – 200, Total Time Allotted – 3 hours

Paper-I (Time Allotted – 1 hour)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|----------------------|------------------|---|--|
| Mental Ability Test* | 50 | 100 (two marks for every correct answer) | <u>There will be no negative marks in this paper</u> |

**Mental Ability Test will be so devised so as to include General Intelligence, Quantitative Aptitude, Reasoning, Problem Solving, Situational Judgement, etc.*

Paper – II (Time Allotted – 30 minutes)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|-------------------|------------------|--|--|
| General Awareness | 25 | 75 (three marks for every correct answer) | One negative mark for every wrong answer |
| English Language | 25 | 75 (three marks for every correct answer) | One negative mark for every wrong answer |

Paper-III (Time Allotted – 90 minutes)

| Subject | No. of questions | Maximum Marks | Negative Marks |
|-------------------|------------------|---|--|
| Concerned Subject | 100 | 300 (three marks for every correct answer) | One negative mark for every wrong answer |

- III. Mode of selection for the post of Senior Technical Officer (1):** The candidate as recommended by the Screening Committee will be invited for interview.

CDRI Technical Assistant, Technician, STO, Others Syllabus - Subject Wise

CDRI Technical Assistant Mental Ability Syllabus

- Classifications
- Sitting arrangement
- Inequalities
- Numbers, ranking
- Direction sense test
- Arithmetical operations
- Data Sufficiency
- Machine input
- Logical sequence test
- Blood relations
- Eligibility test
- Logical Venn diagram
- Coding-decoding
- Puzzle test
- Alphabet test
- Decision making
- Assertion and reason
- Syllogism
- Situation reaction test

CDRI Technician English Language Syllabus

- Synonyms
- Idioms and Phrases
- Joining Sentences
- Error Correction (Phrase in Bold)
- Spotting Errors
- Sentence Completion
- Active and Passive Voice
- Passage Completion
- Sentence Improvement
- Substitution
- Transformation
- Prepositions

- Fill in the blanks
- Sentence Arrangement
- Para Completion
- Error Correction (Underlined Part)
- Antonyms
- Spelling Test

CDRI Technical Officer General Awareness Syllabus

- National Dance
- Music & Literature
- Indian Culture
- Scientific observations
- Political Science
- World organizations
- Countries and Capitals
- Famous Places in India
- Books and Authors
- Important Dates
- About India and it's neighboring countries
- <https://www.freshersnow.com/syllabus/>
- Science and innovations
- New inventions
- Economic problems in India
- Geography of India
- National and International current affairs

CDRI Technical Assistant Concerned Subject Syllabus

Science

- Waves and optics, interference and Diffraction, Polarization.
- Mechanics of Rigid Bodies: System of particles; Centre of mass, angular momentum, equations of motion. Thermal & Statistical physics.
- Mechanics of particles: Laws of motion; conservation of energy and momentum.
- Electricity and magnetism.
- Chemical Kinetics.
- Electrochemistry.
- Photochemistry & Spectroscopy.
- Chemical Bonding and Gaseous state.
- Coordination Compounds.

CSIR Central Drug Research Institute



- Thermodynamics.
- Organic Chemistry.
- Atomic Structure.
- Ecology and the environment.
- Genetics and evolution.
- Botany.
- Human Body.
- Biology and Human Welfare.

MBBS

- Surgery
- Pediatrics
- Physiology
- Community Medicine
- Orthopedics
- Microbiology
- Radio Diagnosis
- Pharmacology
- Psychiatry
- Anatomy
- Anaesthesiology
- Biochemistry
- Skin & VD
- ENT
- Ophthalmology
- Dental
- Pathology
- Medicine