

SCCL MT Exam Pattern

I) For E&M Trade

S.NO	Subject	Questions	Marks	Duration
01	Electrical Subjects	50	50	60 minutes
02	Mechanical Subjects	50	50	60 minutes

II) For Remaining Trades

S.No	Exam Type	Subject Names
1	Objective Type	General Knowledge
2		Quantitative Aptitude
3		General English
4		Reasoning
5		Finance and Accounting

Singareni Collieries Company Limited Management Trainee Syllabus: Topic Wise

General Knowledge

- Sports.
- Abbreviations.
- Awards and Honors.
- Important Economic and Financial News.
- Also, Current Events.
- National & International Current Affairs.
- Countries and Capitals.
- International & National Organizations.
- Science – Inventions & Discoveries etc.
- Also Books and Authors.
- Important Days.

Quantitative Aptitude

- Number System.
- Ratio and Proportions.
- Time and Distance.
- Bar Graphs.
- Decimals & Fractions.
- Mixtures & Allegations.
- Pipes & Cisterns.
- Boats and Streams.

- Also Clocks.
- Problems on Ages.
- Averages.
- Problems on Trains.
- Mensuration.
- Roots.
- HCF & LCM.
- Ratio and Proportions.
- Also Logarithms.
- Probability.
- Volume & Surface Area.
- Line Graphs.
- Simplification.
- Permutation & Combination.
- Percentages.
- Time and Work.
- Simple and Compound Interest.
- Profit and Loss.
- Also Pie Charts.
- Heights & Distances Partnership.

General English

- Antonyms.
- Comprehension.
- Theme detection.
- Vocabulary.
- Sentence Correction.
- Also Tenses.
- Sentence Rearrangement.
- Idioms and Phrases.
- Error Correction.
- Adverb.
- Word Formation.
- Articles.
- Passage Completion.
- Verb.
- Synonyms.
- Unseen Passages.
- Idioms & Phrases.
- Also Grammar.
- Passage Correction.
- Fill in the Blanks.
- Conclusion.
- Sentence Completion.
- Subject-Verb Agreement.

Reasoning

- Non-Verbal Series.
- Blood Relations.
- Coding-Decoding.
- Analogies.
- Embedded Figures
- Mirror Images.
- Arithmetical Reasoning.
- Number Ranking.
- Cubes and Dice.
- Also Directions.
- Clocks & Calendars.
- Syllogistic Reasoning.
- Alphabet Series.
- Decision Making.
- Visual Memory.
- Judgment.
- Arrangements.
- Also Number Series.
- Problem Solving.

Finance And Accounting

- Advanced Management Accounting.
- Financial Reporting.
- International taxation and Direct & Indirect Tax Laws.
- Advanced Auditing & Professional Ethics including Management Cost and Audit.
- Strategic Financial and Cost Management.
- Information Systems Control and Audit.
- Allied and Corporate Laws and its compliance.
- Business Valuation and Strategic Performance Management.

Electrical

- Electrical Circuits.
- Electronic Devices & Circuits.
- Electrical Machines.
- Electromagnetic fields.
- Control Systems Engineering.
- Analog Electronic Circuits.
- Switching Theory and Logic Design.
- Electrical Power Generating Systems.
- Electrical & Electronic Measuring Instruments.
- Electrical Power Transmission System.
- Power Electronics.

- Power Service Conductor Drives.
- Power System Protection.
- Power System Operation and Control.
- Power System Analysis.
- Electrical Distribution Systems.
- The utilization of Electrical Energy.
- Energy Auditing.

Mechanical

- Engineering Mechanics.
- The strength of Materials / Mechanics of Solids.
- Thermodynamics.
- Metallurgy and Material Science.
- Production Technology.
- Theory of Machines.
- Thermal Engineering.
- Mechanics of Fluids and Hydraulic Machines.
- Machine Tools and Metrology.
- Design of Machine Members.
- Heat Transfer.
- Automobile Engineering.
- Refrigeration & Air Conditioning.
- General Proficiency.
- SCCL MOTOR MECHANIC TRAINEE, CAT.I, (MEN ONLY) Syllabus 2020
- Trade Theory.
- Workshop Calculations & Science.
- Social Study (Employability Skills)