Coal India Management Trainee Syllabus

Coal India Ltd Management Trainee General Knowledge Syllabus:
- Indian Constitution.
- Science – Inventions & Discoveries.
- History.
- Budget and Five Year Plans.
- Geography.
- Important Financial & Economic News.
- Economy.
- Scientific Research.
- Culture.
- India and its neighboring countries.
- Sports.
- Knowledge of Current Events.
- General Politics.
- Current Affairs – National & International.
- Economy, Banking, and Finance.
- Countries & Capitals also.

CIL Management Trainee Reasoning Syllabus:
- Logical Reasoning.
- Puzzle Tabulation.
- Syllogism.
- Input Output.
- Alphanumeric Series.
- Coded Inequalities.
- Seating Arrangement.
- Coding Decoding.
- Data Sufficiency.
- Ranking/Direction/Alphabet Test
- Blood Relations.
Coal India Limited MT Numerical Ability Syllabus:

- Simplification.
- Ratio & Proportion, Percentage.
- Number Systems.
- Profit & Loss.
- Mixtures & Allegations.
- Simple Interest & Compound Interest & Surds & Indices.
- Work & Time.
- Time & Distance.
- Mensuration – Cylinder, Cone, Sphere.
- Sequence & Series.
- Permutation, Combination & Probability.
- Data Interpretation also.

CIL Management Trainee General English Syllabus:

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

- Elements of Structural Analysis.
- The Strength of Materials.
- Surveying.
- Elements of Geotechnical Engineering.
- Civil Engineering Materials.
- Reinforced Concrete Structures.
- Bridge Superstructure.
- Fluid Mechanics.
- Steel Structures.
- Design of Structure.
- Bridge Engineering.
- Transportation Engineering.
- Bridge Architecture
- Hydrology etc.

Coal India Ltd MT Electronics & Telecommunication Syllabus:

- Analog Electronics.
  - Transducers, Mechanical Measurement and Industrial Instrumentation.
- Electrical and Electronic Measurements.
- Digital Electronics.
- Control Systems and Process Control.
- Analytical, Optical Instrumentation.
- Signals, Systems, and Communications.

CIL Management Trainee Syllabus – Electrical:

- Electromagnetic Theory.
- Analog and Digital Electronics.
- Electrical Instrumentation.
- Control Systems.
- Utilization of Electrical Energy.
- Power System Protection.
- Network Analysis.
- Power Systems.
- Power System Analysis & Control.
- Electrical Machines.
- Switch Gear and Protection
- Power Electronics & Drives etc.
**Coal India Ltd Management Trainee Syllabus:**

- Industry Safety.
- Energy conservation.
- Management Information System.
- Engineering Materials.
- The Strength of Materials.
- Metal Casting.
- Inventory Control.
- Production Planning and Control.
- Computer Integrated Manufacturing Design.

**CIL Management Trainee Mining Syllabus:**

- Surveying
- Drawing
- Engineering Graphics
- Applied Science
- Applied Mathematics
- Basics of Electrical & Electronics Engg. (Mining)
- Mining Geology
- Introduction to Mining
- Mining Practice
- Basic Computer Skills
- U/G Metalliferous Mining
- Surface Mining
- Mechanical Technology (Mining)
- Industrial Training in Underground Mines (Module I)
- Mine Environmental Engg.
- Coal Mining
- Blasting Techniques in Mines
- Mine Surveying Practice
- Computer Application in Mining
- Mineral Recovery
- Mine Machinery
- CASP
- Mine Legislation & General Safety
- Rock Mechanics & Ground Control
- Basic Management Skills & Indian Constitution
Coal India Management Trainee Syllabus - Finance & Accounts:

- Financial Accounting
- Auditing
- Cost and Management Accounting
- Financial Management
- Business and Corporate Law
- Indirect Tax Laws
- Income-tax Law
- Business Statistics & Data Processing
- Banking and financial institution

Coal India Limited Management Trainee Exam Pattern

<table>
<thead>
<tr>
<th>Exam Type</th>
<th>Papers</th>
<th>Subject Name</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Exam Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Exam (Objective Type)</td>
<td>Paper I</td>
<td>General English</td>
<td>100</td>
<td>100</td>
<td>03 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Numerical Ability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reasoning</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>General Knowledge/Awareness</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper II</td>
<td></td>
<td>Professional Knowledge (Discipline Related)</td>
<td>100</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

- Mode of Examination is Computer Based Online Test
- Type of Question is Multiple Choice type Question
- The examination consists of 100 questions & 100 Marks in each paper (Paper I and Paper II)
- Online Exam will be held for 3 Hours consists of two papers.
- Each Question will carry 1 Mark, and there is no penalty for the wrong answer.
- The CIL Question Paper will be bilingual, i.e., in English and Hindi Only.
- Qualifying Marks: 40 marks (UR), 35 marks(OBC), 30 marks(SC/ST/PWD)