

NCL Mining Sirdar Syllabus || Northern Coalfields Limited Mining  
Sirdar, Surveyor Exam Pattern

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**NCL Mining Sirdar & Surveyor Exam Pattern**

S. No	Name of the Subjects	Number of Questions	Marks	Duration
1.	Technical Topics	70	70	90 Minutes
2.	General Intelligence, Mental Ability, Etc	30	30	
<b>Total</b>		<b>100</b>	<b>100</b>	

**NCL Mining Sirdar & Surveyor Exam Syllabus**

**Technical Topics**

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

## **General Intelligence**

- Space Visualization
- Visual Memory
- Judgment
- Relationship Concepts
- Decision Making
- Discriminating Observation
- Arithmetical Number Series etc
- Similarities and Differences
- Problem Solving
- Analysis
- Figure Classification

## **Arithmetic**

- Data Interpretation
- Problems on Ages.
- Interest.
- Time & Work.
- Simplification
- Percentages.
- Pipes & Cisterns.
- Time & Distance.
- Averages.
- Profit and Loss.
- Boats & Streams.

## **English**

- Comprehension.
- Error Detection.
- Transformation of Sentences.
- Tenses etc.
- Fill in the blanks.
- Vocabulary.
- One Word Substitution.
- Cloze Test.

## **Reasoning**

- Alphanumeric reasoning
- Number Series
- Number Ranking
- Arithmetical Reasoning etc
- Decision Making

- Directions
- Puzzles
- Visual reasoning
- Blood Relations
- Cubes & Dice

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