

## SAIL Rourkela Syllabus 2019 || Check Operator-cum-Technician Exam Pattern @ [www.sailcareers.com](http://www.sailcareers.com)

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### SAIL Rourkela OCT Exam Pattern:

| S. No | Exam Type           | Subject Names     | Time Duration |
|-------|---------------------|-------------------|---------------|
| 1     | Objective Questions | Aptitude          | 2 Hours       |
| 2     |                     | English           |               |
| 3     |                     | Reasoning         |               |
| 4     |                     | General Knowledge |               |

### SAIL Rourkela Operator-cum-Technician Syllabus:

#### Aptitude

- Allegation or Mixture.
- Chain Rule.
- Time and Distance.
- Simplification.
- Average.
- Time and Work.
- Problems based on H.C.F & L.C.M.
- Compound Interest.
- Volume and Surface Area.
- Decimal Fraction.
- Partnership.
- Logarithm.
- Ratio and Proportion.
- Permutation and Combination.
- Problems on Ages.
- Height and Distance.
- Pipes and Cistern.
- Area.
- Square Root and Cube Root.
- Probability.
- Stocks and Share.
- Boats and Streams.
- Simple Interest.
- Surds and Indices.
- Numbers.
- Races and Games.
- Banker's Discount.

#### Reasoning

- Decision Making.
- Embedded Figures.
- Blood Relations.
- Arithmetical Reasoning.
- Data Interpretation.
- Non-Verbal Series.
- Number Series.
- Cubes and Dice.
- Alphabet Series.
- Statements & Arguments.
- Mirror Images.
- Clocks & Calendars.
- Number Ranking.
- Directions.
- Coding-Decoding.
- Analogy.
- Syllogism.
- Statements & Conclusions.

### **English**

- Sentence Arrangement.
- Joining Sentences.
- Antonyms.
- Sentence Completion.
- Active Voice and Passive Voice.
- Error Correction (Phrase in Bold).
- Spotting Errors.
- Para Completion.
- Substitution.
- Error Correction (Underlined Part).
- Fill in the blanks.
- Idioms and Phrases.
- Sentence Improvement.
- Synonyms.
- Prepositions.
- Passage Completion.

### **General Knowledge**

- Indian Parliament.
- Biology.
- Indian History.
- General Science.
- Famous Places in India.
- Current Affairs.
- Environmental Issues.
- Sports.
- Countries and Capitals.
- Artists.

- Literature.
- Indian Economy.
- Geography.
- Famous Days & Dates.
- Famous Books & Authors.
- Inventions and Discoveries.
- Civics.
- Heritage.
- Tourism.
- Indian Politics.
- Rivers, Lakes and, Seas.