

## SAIL RMD Exam Pattern 2019

Subject	Number of question	Marks
General Aptitude	50	50
Relevant disciplines	50	50

### SAIL RMD Syllabus

#### General Aptitude

1. Time and Distance.
2. Ratio and Proportion.
3. Simplification.
4. Problems on Ages.
5. Time and Work.
6. Problems on Trains.
7. Simple & Compound Interest.
8. Profit and Loss.
9. Mixture and Alligation
10. Average.
11. Percentages.
12. H.C.F. and L.C.M.
13. Boats and Streams.
14. Data Interpretation.
15. Number Systems.
16. Discounts
17. Mixture and Alligation

#### Electrical Engineering

1. Basic Electronics
2. Magnetic Circuit
3. Measurement and measuring instruments
4. AC Fundamentals
5. Power Electronics & Drives Power Systems
6. Basic Electrical Engineering Concepts
7. Magnetic Circuit
8. Power Electronics & Drives
9. Electrical Machines

## 10.Network Theory

### **Chemical**

1. Plant Design and Economics.
2. Mass Transfer.
3. Heat Transfer.
4. Chemical Technology.
5. Process Calculations and Thermodynamics.
6. Fluid Mechanics and Mechanical Operations.
7. Chemical Reaction Engineering.
8. Instrumentation and Process Control.

### **Mining Engineer**

1. Emergency Management
2. Atmospheric Monitoring. Related Contracts
3. Blasting and Explosives.
4. Blasting-related tools
5. Diesel Exhaust. Tools you can use
6. Education and Training. Tools you can use
7. Emergency Communications and Tracking
8. Emergency Management
9. Ergonomics and MSD Prevention.
10. Electrical Safety. Tools you can use