

## RRB JE Syllabus for 1st Stage CBT - (CBT-I)

**Below is the Exam Pattern for 1st Stage CBT with Section wise Number of Questions and Respective Marks:**

<b>Section wise Number of Questions and Marks</b>		
<b>Subject</b>	<b>No. of Questions</b>	<b>Marks for each Section</b>
Mathematics	30	30
General Intelligence & Reasoning	25	25
General Awareness	15	15
General Science	30	30
<b>Total</b>	<b>100</b>	<b>100</b>

**Below is the Syllabus for CBT-I**

### **Mathematics:**

- Number systems
- BODMAS
- Decimals
- Fractions
- LCM and HCF
- Ratio and Proportion
- Percentages
- Mensuration
- Time and Work
- Time and Distance
- Simple and Compound Interest
- Profit and Loss
- Algebra
- Geometry
- Trigonometry
- Elementary Statistics
- Square Root
- Age Calculations
- Calendar & Clock
- Pipes & Cistern

### **General Intelligence and Reasoning:**

- Analogies
- Alphabetical and Number Series
- Coding and Decoding

- Mathematical operations
- Relationships
- Syllogism
- Jumbling
- Venn Diagram
- Data Interpretation and Sufficiency
- Conclusions and Decision Making
- Similarities and Differences
- Analytical reasoning
- Classification
- Directions
- Statement – Arguments and Assumptions

**General Awareness:**

- Knowledge of Current affairs
- Indian geography
- culture and history of India including freedom struggle
- Indian Polity and constitution
- Indian Economy
- Environmental issues concerning India and the World
- Sports
- General Scientific and technological developments

**General Science:**

- Physics (up to 10th Standard CBSE syllabus)
- Chemistry (up to 10th Standard CBSE syllabus)
- Life Sciences (up to 10th Standard CBSE syllabus)

\*\*\*\* End of Syllabus – CBT - I \*\*\*\*