

Railway ALP Syllabus 2025 – CBT 1 Detailed Syllabus

1. Mathematics

- Number System
- BODMAS
- Ratio & Proportion
- Percentage
- Profit & Loss
- Simple & Compound Interest
- Time & Distance
- Algebra
- Mensuration

2. General Intelligence & Reasoning

- Analogy
- Coding-Decoding
- Classification
- Blood Relation
- Direction Sense
- Calendar & Clock
- Syllogism

3. General Science

- Physics → Motion, Work, Energy, Electricity
- Chemistry → Chemical Reactions, Metals & Non-metals
- Biology → Human Body, Diseases, Cells

4. General Awareness

- Current Affairs
- Indian Polity
- History & Geography
- Economy

Railway ALP Syllabus 2025 – CBT 2 Detailed Syllabus

Part A

Subject	Marks
Mathematics	25
General Intelligence & Reasoning	25
Basic Science & Engineering	40
General Awareness	10
Total	100 Marks

Basic Science & Engineering (BSE)

- Units & Measurements
 - Heat & Temperature
 - Engineering Drawing
 - Power, Work & Energy
 - Machines
 - Workshop Practices
 - Electrical Basics
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Part B (Trade Syllabus)

Trade-specific syllabus such as:

- Electrician
- Fitter
- Turner
- Mechanic
- Electronics
- Instrumentation