



## **RRB ALP Syllabus 2026**

### **RRB ALP CBT 1 Syllabus 2026**

The First Stage CBT acts entirely as a screening mechanism.

The RRB designed this syllabus to test your baseline aptitude and general scientific understanding rather than deep technical expertise.

The questions conform to the educational standards expected of a candidate holding a Matriculation certificate.

#### **Mathematics Syllabus for CBT 1**

The mathematics section demands conceptual clarity and calculation speed. You must master the following conceptual areas:

- Number system mechanics
- BODMAS rule applications
- Decimals and Fractions
- LCM and HCF computation
- Ratio and Proportion
- Percentages and Mensuration
- Time and Work
- Time and Distance
- Simple and Compound Interest

- Profit and Loss
- Foundational Algebra, Geometry, and Trigonometry
- Elementary Statistics
- Square Root calculations
- Age Calculations
- Calendar & Clock problem solving
- Pipes & Cistern mechanics

## **Mental Ability / Reasoning Syllabus for CBT 1**

This section evaluates your logical deduction and pattern recognition capabilities:

- Analogies
- Alphabetical and Number Series
- Coding and Decoding
- Mathematical operations
- Relationships (including family trees)
- Syllogism
- Jumbling
- Venn Diagrams
- Data Interpretation and Sufficiency
- Conclusions and Decision Making
- Similarities and Differences
- Analytical reasoning
- Classification
- Directions
- Statement – Arguments and Assumptions

## **General Science Syllabus for CBT 1**

You do not need advanced scientific degrees for this section. The official notification clearly states that the General Science syllabus shall cover:

- Physics principles
- Chemistry fundamentals
- Life Sciences

All questions formulated under this specific section are based strictly on the 10th standard educational level.

## **General Awareness Syllabus for CBT 1**

*Note on General Awareness:* The official CEN 01/2026 explicitly defines the CBT 1 syllabus around Mathematics, Mental Ability, and General Science. Unlike some previous recruitment cycles or other RRB examinations where General Awareness on current affairs acts as a

standalone section, the current official notification does not list General Awareness as a syllabus parameter for CBT 1. You should focus your preliminary preparation strictly on the three listed core subjects.

## **RRB ALP CBT 2 Part A Syllabus 2026**

The syllabus for CBT 2 Part A expands upon the foundation you built for CBT 1, introducing specialized engineering subjects. Thorough coverage here is non-negotiable, as your performance directly influences your progression.

### **Mathematics Syllabus for CBT 2 Part A**

The mathematics syllabus mirrors the topics from CBT 1 but demands a much higher level of problem-solving proficiency:

- Number system, BODMAS, Decimals, Fractions
- LCM, 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 & Reasoning Syllabus**

Similarly, the reasoning section retains the core topics, requiring faster analytical processing for complex scenarios:

- 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

### **Basic Science & Engineering Syllabus**

This is the most crucial and unique section of Part A. The broad topics covered include both pure science applications and engineering fundamentals.

#### **Physics**

- Units and Measurements
- Mass, Weight, and Density
- Speed and Velocity
- Work, Power, and Energy
- Heat and Temperature

### **Chemistry**

- Basic chemical principles tied to environmental education and occupational health.

### **Engineering Basics**

- Engineering Drawing (Projections, Views, Drawing Instruments, Lines, Geometric figures, Symbolic Representation)
- Basic Electricity concepts
- Levers and Simple Machines
- Occupational Safety and Health
- Environment Education
- IT Literacy

### **RRB ALP CBT 2 Part B Trade Syllabus**

Part B serves only as a qualifying test and evaluates your practical, hands-on trade knowledge.

- The syllabus comprises questions from various trade syllabi exactly as prescribed by the Directorate General of Training (DGT).
- Candidates with ITI or Trade Apprenticeship qualifications must appear in the section featuring questions directly from their certified trade.
- Degree and Diploma candidates do not face a degree-level syllabus here; instead, they must select one specific trade from a predetermined list mapped against their engineering discipline.

For example, a candidate with a Mechanical Engineering background can choose to face the syllabus of Fitter, Mechanic (Motor Vehicle), Tractor Mechanic, Mechanic (Diesel), Turner, Machinist, Refrigeration and Air-conditioning Mechanic, or Millwright/Maintenance Mechanic.

Source: <https://www.rrbcdg.gov.in/uploads/2026/01-ALP/012026ALP-CEN.pdf>