

# RRB ALP Syllabus 2025

The selection process consists of three stages:

1. **First Stage CBT (Computer Based Test)**
2. **Second Stage CBT**
3. **Computer Based Aptitude Test (CBAT)**

Each stage has a unique syllabus and purpose, testing a mix of academic knowledge, technical skills, and aptitude.

## RRB ALP Syllabus 2025: A Detailed Breakdown

The RRB ALP Syllabus 2025 is designed to evaluate candidates across multiple domains. Let's dive into the specifics for each stage.

### First Stage ALP CBT 1 Syllabus

The First Stage CBT is a screening round that tests foundational knowledge across four subjects:

- **Mathematics**  
Topics include: Number Systems, BODMAS, Decimals and 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**  
Key areas: 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 Science**  
Covers 10th-standard concepts in: Physics (e.g., motion, energy, electricity), Chemistry (e.g., reactions, elements, compounds), Life Sciences (e.g., cells, human body, environment)
- **General Awareness on Current Affairs**  
Focus areas: Science & Technology, Sports, Culture, Personalities, Economics, Politics, National and International Events.

## Second Stage ALP CBT 2 Syllabus

The Second Stage CBT is more comprehensive and split into two parts:

### Part A

- Mathematics: Builds on First Stage topics with increased complexity.
- General Intelligence and Reasoning: More challenging logical and analytical questions.
- Basic Science and Engineering: A technical section covering:
  - Engineering Drawing (Projections, Views, Instruments, Lines, Geometric Figures)
  - Units and Measurements
  - Mass, Weight, and Density
  - Work, Power, and Energy
  - Speed and Velocity
  - Heat and Temperature
  - Basic Electricity
  - Levers and Simple Machines
  - Occupational Safety and Health
  - Environment Education
  - IT Literacy

### Part B

- Trade-Specific Syllabus: Qualifying in nature, this section tests knowledge related to the candidate's chosen trade (e.g., Electrical, Mechanical, Automobile, Electronics). The syllabus varies by trade—check the official RRB notification for details.

## Computer Based Aptitude Test (CBAT) Syllabus

The CBAT is exclusive to ALP candidates and assesses psychological aptitude through five test batteries:

1. **Memory Test:** Recall and retention skills.
2. **Following Directions Test:** Ability to follow instructions precisely.
3. **Depth Perception Test:** Judging spatial relationships and distances.
4. **Concentration Test:** Sustained focus under pressure.
5. **Perceptual Speed Test:** Quick pattern recognition.

A minimum score in each battery is required to qualify.

## RRB ALP Exam Pattern 2025

Knowing the exam structure is as important as mastering the syllabus. Here's the breakdown:

### First Stage CBT 1

Particulars	Details
Duration	60 minutes
Total Questions	75
Sections	<ul style="list-style-type: none"><li>- Mathematics (20)</li><li>- Reasoning (25)</li><li>- General Science (20)</li><li>- Current Affairs (10)</li></ul>
Marking Scheme	+1 for correct answer -1/3 for incorrect answer

### Second Stage CBT 2– Part A

Particulars	Details
Duration	90 minutes
Total Questions	100
Sections	<ul style="list-style-type: none"><li>- Mathematics (25)</li><li>- Reasoning (25)</li><li>- Basic Science &amp; Engineering (40)</li><li>- Current Affairs (10)</li></ul>
Marking Scheme	+1 for correct answer -1/3 for incorrect answer

## Second Stage CBT 2 – Part B

Particulars	Details
Duration	60 minutes
Total Questions	75
Focus	Trade-specific questions
Qualifying Marks	35% (No negative marking)

## CBAT (Computer-Based Aptitude Test)

Particulars	Details
Structure	Five Test Batteries
Scoring	Minimum qualifying score per battery
Marking Scheme	No negative marking
Weightage	Final merit = 70% from Second Stage CBT Part A + 30% from CBAT