

RRB ALP Exam Pattern 2024

Both stages of CBT will include negative marking:

- **1/3** of the allotted marks will be deducted for each incorrect answer.

Aspirants who qualify both stages will be called for:

- **Computer Aptitude Test**
- **Document Verification** (if applicable)

The third stage will:

- **Not** have negative marking.
- Be **bilingual**, with questions available in both **English** and **Hindi**.

RRB ALP CBT 1 Exam Pattern 2024

The CBT 1 exam for RRB ALP posts will consist of 75 questions worth 75 marks. The subjects covered in the exam are listed below. You will have 60 minutes to complete CBT 1.

Subjects	No. of Qs	Marks
Maths	20	20
General Intelligence & Reasoning	25	25
General Science	20	20
General Awareness on Current Affairs	10	10
Total	75	75

- ***Each incorrect answer in the CBT 1 Exam incurs a negative marking of 1/3 mark.***
- ***The duration of the CBT 1 Exam is 60 minutes (1 hour).***
- ***The exam consists of 75 Multiple Choice Questions (MCQs), each carrying 1 mark.***

RRB ALP CBT 2 Exam Pattern 2024

The CBT 2 paper for RRB ALP posts will be divided into Part A and Part B. Part A will have 100 questions, and Part B will have 75 questions.

Parts	Subjects	No. of Qs	Marks	Duration
Part A	Maths General Intelligence & Reasoning Basic Science & Engineering General Awareness of Current Affairs	100	100	90 Mins
Part B	Relevant Trade	75	75	60 Mins
Total		175	175	2 Hours 30 Mins

- *Each incorrect answer in both papers incurs a negative marking of $\frac{1}{3}$ mark.*
- *In total, there are 175 questions (100 in Paper 1 and 75 in Paper 2).*
- *The duration of Paper 1 Exam is 90 minutes, and for Paper 2, it is 60 minutes.*

RRB ALP CBAT (Computer Based Aptitude Test)

The Computer Based Aptitude Test is for RRB Assistant Loco Pilot applicants only. Here's what you need to know about RRB ALP CBAT:

1. **Minimum Marks:** You need 42 marks in each test section, no matter your category.
2. **Shortlisting:** Candidates, up to 8 times the ALP vacancies per category, will proceed based on CBT II performance.
3. **Test:** You must pass each CBAT test section.
4. **Language:** Questions will be in English and Hindi.
5. **No Penalties:** There's no penalty for wrong answers.
6. **Merit List:** Only CBAT-passing candidates are considered for the RRB ALP merit list.
7. **Weightage:** Part A CBT II marks count for 70%, while CBAT marks count for 30% in the merit list.

RRB ALP Syllabus 2024

RRB ALP CBT 1 Syllabus for Maths

RRB ALP Mathematics Syllabus 2024

Simplification and Approximation

Coordinate Geometry

Mensuration

Arithmetic

Trigonometry

Number Series

Probability

Algebra

Ratio and Proportion

Speed, Distance & Time

Number System

Profit and Loss

Time and Work

Interest

Percentages

Averages

RRB ALP CBT 1 Syllabus for General Intelligence and Reasoning

RRB ALP General Intelligence and Reasoning Syllabus 2024

Analogy

Classification

Coding-Decoding

Problem Solving

Blood Relation

Venn Diagram

Alphabet & Word Test

Non-Verbal Reasoning

Verbal Reasoning

Direction & Distance

Series

Missing Numbers

Order & Ranking

RRB ALP CBT 1 Syllabus for General Science

RRB ALP General Science Syllabus 2024

Biology

Physics

Chemistry

Environment

RRB ALP CBT 1 Syllabus for General Awareness on Current Affairs

RRB ALP General Awareness on Current Affairs Syllabus 2024

Polity

Economy

Award & Honors

Art & Culture

Sports

RRB ALP CBT 2 Syllabus

Subjects	Topics
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Maths, General Intelligence and Reasoning	Similar to the CBT 1 Syllabus
Basic Science and Engineering	The broad topics that are covered under this shall be Engineering Drawing (Projections, Views, Drawing Instruments, Lines, Geometric figures, Symbolic Representation). Units, 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 etc.

RRB ALP CBT 2 Syllabus for Relevant Trade Wise

RRB ALP CBT 2 Syllabus for Electrical

Electrical Syllabus

Electrical India

Rolls, cables

Transfers

Three-Phase Motor Systems

Light, Magnetism

Fundamental Electric System

Single phase motors

Switches, Plugs and Electrical
Connections

RRB ALP CBT 2 Syllabus for Electronics & Communication

Electronics & Communication Syllabus

The Transistor

Dias

Digital Electronics

Networking and Industrial Electronics

Electronic Tube

Semi Conductor Physics

Robotic Radio Communication Systems

Satellite Matters

Computer & Micro Processor

RRB ALP CBT 2 Syllabus for Automobile

Automobile Syllabus

Machine Design

System Theory

IC Engines

Heat Transfers

Thermodynamics

Materials Applying Motion

The Power Plant Turbines and
Boilers

Metallurgical Production Technology

RRB ALP CBT 2 Syllabus for Mechanical

Mechanical Syllabus

Dimensions

Heat

Engines

Turbo Machinery

Production Engineering

Automation Engineering

Kinetic Theory

The Strength Of The Material

Metal Handling

Metallurgical

Refrigerators And Air Conditioned

Energy, Materials

Energy Conservation

Management

Applied Mechanics