

RRB ALP Syllabus 2025

RRB ALP CBT 1 Syllabus 2025

Subjects	Topics
General Awareness and Current Affairs	Science and Technology, Award & Honors, Art & Culture, Polity, Economy, Sports, Static GK, Current Affairs – Latest Awards, Sports Events, Railway Updates, National Current Affairs
General Intelligence & Reasoning	Analogies, Classification, Coding-Decoding, Series, Mathematical Operations, Direction Sense, Syllogism, Venn Diagram, Blood Relation, Data Interpretation and Sufficiency, Similarities and Differences, Arguments and Assumptions, Figure Completion, Counting of Figures, Non-Verbal Reasoning
Mathematics	Number System, Simplification (BODMAS), LCM-HCF, Decimals & Fractions, Ratio and Proportion, Percentage, Profit and Loss, Simple and Compound Interest, Time and Work, Pipe and Cistern, Time and Distance, Mixture and Allegation, Mensuration, Trigonometry, Height and Distance, Statistics, Data Interpretation, Algebra
General Science	Physics, Chemistry, Biology, Life Science

RRB ALP CBT 2 Syllabus 2025

Part A:

Subject	Topics
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Mathematics	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 and Trigonometry, Elementary Statistics, Square Root, Age Calculations, Calendar & Clock, Pipes & Cistern etc.
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 etc.
Basic Science and Engineering	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.

Part B:

Subject	Syllabus
Electrical Engineering	Electrical India, Rolls, cables, Fundamental Electric System, Switches, Plugs and Electrical Connections, Single phase motors, Transfers, Three-Phase Motor Systems, Light, Magnetism
Mechanical Engineering	Turbo Machinery, Production Engineering, Automation Engineering, Energy, Materials, Energy Conservation, Management, Applied Mechanics, Kinetic Theory, The Strength Of The Material, Metal Handling, Metallurgical, Dimensions, Heat, Engines, Refrigerators, And Air Conditioned
Electronics Engineering	Networking and Industrial Electronics, Electronic Tube, The Transistor, Dias, Digital Electronics, Satellite Matters, Computer & Micro Processor, Semiconductor Physics, Robotic Radio Communication Systems

Automobile Engineering	System Theory, The Power Plant Turbines and Boilers, Metallurgical Production Technology, IC Engines, Heat Transfers, Machine Design, Thermodynamics, Materials Applying Motion
10+2 with Physics and Maths	Electrician, Electronics Mechanic, Wireman

