RRB ALP Syllabus CBT-1: Pattern & Syllabus

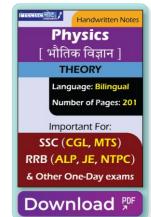


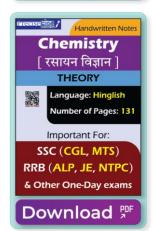


Subjects	No. of Questions	Marks	Duration
Mathematics	20	20	
General Intelligence & Reasoning	25	25	
General Science	20	20	60 minutes
General Awareness and Current Affairs	10	10	
Total	75	75	

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

Important Notes for Exam:









CBT-2: Pattern & Syllabus

Papers	Subjects	No. of Questions	Marks	Duration
	Mathematics			90 minutes
Paper 1	General Intelligence & Reasoning	100	100	
	Basic Science and Engineering		100	
Total				
Paper 2	Relevant Trade	75	75	60 minutes
Overall [*]	Total	175	175	150 minutes

Subject	Syllabus
	Electrical India
Electrical Engineering	Rolls, cables
	Fundamental Electric System
	Switches, Plugs and Electrical Connections
	Single phase motors
	Transfers
	Three-Phase Motor Systems
	Light, Magnetism
	Turbo Machinery
	Production Engineering
	Automation Engineering
	Energy, Materials
	Energy Conservation
	Management
	Applied Mechanics
Mechanical Engineering	Kinetic Theory
	The Strength Of The Material
	Metal Handling
	Metallurgical
	Dimensions
	Heat
	Engines
	Refrigerators And Air Conditioned
	Networking and Industrial Electronics
	Electronic Tube
	The Transistor
	Dias
Electronics Engineering	Digital Electronics
	Satellite Matters
	Computer & Micro Processor
	Semi-Conductor Physics
	Robotic Radio Communication Systems
	System Theory
	The Power Plant Turbines and Boilers
	Metallurgical Production Technology
Automobile Engineering	IC Engines
Automobile Engineering	Heat Transfers
	Machine Design
	Thermodynamics
	Materials Applying Motion
	Electrician
HSC (10+2) with Physics and Maths	Electronics Mechanic
	Wireman
	<u>.</u>

(CBAT) Computer-Based Aptitude Test: Pattern & Syllabus

Candidates applying for the Assistant Loco Pilot (ALP) position must take the Computer-Based Aptitude Test (CBAT) or Psycho Test. To qualify, they need to score a minimum of 42 marks in each test battery.

Only candidates who pass the Aptitude Test will be included in the merit list. The final merit score is determined by giving 70% weightage to marks obtained in Paper-1 of the Computer-Based Test (CBT) II and 30% weightage to marks secured in the CBAT.

Note:

Mode of Exam	Marking Scheme	Negative Marking	Selection Process
			1. CBT 1 (75 Questions for 75 Marks)
Online 1	4		2. CBT 2 (175 Questions for 175 Marks)
	1 mark for 1 question		3. CBAT

Organisation	Railway Recruitment Board (RRB)
Posts	Assistant Loco Pilots (ALPs)
Category	Syllabus & Exam Pattern
Mode of Exam	Online
	CBT 1 - 75
No. of Questions	CBT 2 - 175
	СВАТ
Negative Marking	⅓rd mark
Selection Process	CBT 1, CBT 2, CBAT







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