

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

Welcome to our in-depth blog on the Syllabus for RRB ALP exam! You're in the right place if you're getting ready for the **Railway Recruitment Board**

Assistant Loco Pilot (RRB ALP) exam. We'll simplify and simplify the syllabus for you to understand in this blog, so you can prepare properly. Let's get started and discover what you need to know to succeed in this important exam, regardless of where you are in your preparation or how you would like to improve your study schedule!

Syllabus for RRB ALP exam – A Comprehensive PDF

It is essential that you understand the Syllabus for

RRB

ALP exam if you want to do well in the examination. Understanding the subjects you should concentrate on will help you prepare more specifically and use your study materials more effectively, which will improve your performance and confidence on the day of the exam. Our goal is to make the entire experience easy and clear for you.



[Source: Futurekul]

Futurekul provides a downloaded edition of this blog to help with your preparation even further. You can use this helpful resource from anywhere at any time, saving you the trouble of doing repetitive internet searches. To save the blog on your phone, laptop, or other device and have all the information you need at your fingertips, just click the "Download PDF" option situated at the top of the page.

Overview of the Syllabus for RRB ALP exam

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

It's important to have a general understanding of the RRB ALP syllabus before going into the specifics. There are two stages to the RRB ALP exam: CBT Stage 1 and CBT Stage 2. Following these phases, candidates have to take the Computer Based Aptitude Test (CBAT), which is followed by a medical examination and document verification.

CBT Stage 1 includes four subjects:

- Mental Ability
- General Awareness
- Mathematics
- General Science

On the other hand, **CBT Stage 2** is further divided into two parts:

Part A:

- General Intelligence and Reasoning
- Mathematics
- Basic Science and Engineering

Part B:

- Relevant Trades

Now that you have a basic understanding of the exam syllabus, let's take a look at it in more detail in the next section.

Syllabus for RRB ALP exam - CBT Stage 1

The first stage of the RRB ALP selection process is CBT Stage 1. This stage serves purely as a screening exam to shortlist candidates for CBT Stage 2, based on their normalized marks and merit. CBT Stage 1 is an online test comprising 75 multiple-choice questions, each worth one mark. The subjects covered in this stage are:

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

Mathematics	Mental Ability	General Science	General Awareness
<ul style="list-style-type: none"> • Number System • BODMAS • Decimals • Fractions • LCM & HCF • Ratio & Proportion • Percentages • Mensuration • Time & Work • Time & Distance • Simple & Compound Interest • Profit & Loss • Algebra • Geometry and Trigonometry • Elementary Statistics • Squareroot • Age Calculations • Calendar & Clock • Pipes & Cistern etc. 	<ul style="list-style-type: none"> • Syllogism • Mathematical operations • Jumbling • Venn Diagram • Coding and Decoding • Conclusions and Decision-Making • Data Interpretation and Sufficiency • Analogies • Alphabetical and Number Series • Analytical reasoning • Relationships • Similarities and Differences • Arguments and Assumptions • Classification • Directions • Analytical Reasoning etc 	<ul style="list-style-type: none"> • Biological Sciences • Physics • Chemistry 	<ul style="list-style-type: none"> • Personalities • Sports and Culture • Science & Technology • Economics • Indian Politics • Current Affairs

[Source: Futurekul]

Being aware of the weightages is another essential component of understanding the RRB ALP syllabus. So, let's examine the topic-wise weightage of various subjects in CBT Stage 1.

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

Mental Ability Topics	Weightage
Arrangement and Pattern	1-2
Distance and Direction	0-1
Blood Relation	0-1
Syllogism	1-2
Classification	1-3
Series	2-3
Analogy	1-2
Figure based	4-7
Matrix	0-1
Venn Diagram	1-3
Cubes and Dices	0-1
Mathematical reasoning	2-3
Data Sufficiency	1-2
Analytical Reasoning	2-4

It's interesting to see that Figure based questions have more importance than the other subjects in the table.

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

Mathematics Topics	Weightage
Simplification/Approximation	1-2
Average	0-1
Percentage	0-1
Profit and loss	1-2
Time and Work	2-3
Speed, Time and Distance	1-2
Interest	1-2
Ratio and Proportion	1-2
Geometry	0-1
Trigonometry	0-1
Mensuration	0-1
Algebra	0-1
Mixture and Alligation	0-1
Data Interpretation	1-2
Number System	0-1
Elementary Statistics	0-1

The table above clearly shows that Time and Work have the highest number of questions in the Mathematics section of CBT Stage 1 for the RRB ALP exam.

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

General Awareness Topics	Weightage
History	1-2
Geography	1-2
Polity	1-2
Science	19-20
Art an Culture	0-1
Current Affairs	2-3
Static GK	0-1

It is clear from the above table that Science is very important. But in order to do well on this examination, you shouldn't disregard the significance of other topics. After discussing the Syllabus for RRB ALP exam for CBT Stage 1, let's move on to the Syllabus for RRB ALP exam CBT Stage 2 syllabus.

Syllabus for RRB ALP exam - CBT Stage 2

Moving on to the next stage of the Syllabus for RRB ALP exam, we have CBT Stage 2, which consists of two parts - Part A and Part B. Part A encompasses three subjects:

- General Intelligence and Reasoning
- Mathematics
- Basic Science and Engineering

Meanwhile, Part B covers topics related to the Relevant Trade, including:

- Electrical Engineering
- Electronics and Communication
- Mechanical Engineering
- Automobile Engineering

Let's now examine each subject under CBT Stage 2 and all the topics it includes to give you a thorough idea of what to expect for the exam!

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

Mathematics

- LCM & HCF
- Number system
- BODMAS
- Decimals
- Fractions
- Square Root
- Age Calculations
- Mensuration
- Time and Work
- Time and Distance
- Elementary Statistics
- Pipes & Cistern
- Ratio and Proportion
- Percentages
- Simple and Compound Interest
- Algebra
- Geometry and Trigonometry
- Calendar & Clock
- Profit and Loss

General Intelligence & Reasoning

- Blood Relationship
- Argument and Assumptions
- Coding and Decoding
- Mathematical Operations
- Venn Diagram
- Similarities and Differences
- Syllogism
- Jumbling
- Analogies
- Alphabetical and Number Series
- Data Interpretation and Sufficiency
- Conclusions and Decision-Making
- Analytical Reasoning
- Statement - Argument and Assumptions, etc.

Basic Science & Engineering

- Speed and Velocity
- Engineering Drawing (Projections, Views, Drawing Instruments, Lines, Geometric figures, Symbolic, Representation)
- Basic Electricity
- Work Power and Energy
- Environment Education
- Occupational Safety and Health
- Heat and Temperature
- Units
- Measurements
- Mass, Weight, and Density
- Levers and Simple Machines,
- IT Literacy, etc.

[Source: Futurekul]

General Intelligence and Reasoning:

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

- Blood Relationship
- Argument and Assumptions
- Coding and Decoding
- Mathematical Operations
- Venn Diagram
- Similarities and Differences
- Syllogism
- Jumbling
- Analogies
- Alphabetical and Number Series
- Data Interpretation and Sufficiency
- Conclusions and Decision-Making
- Analytical Reasoning
- Statement – Argument and Assumptions

Mathematics:

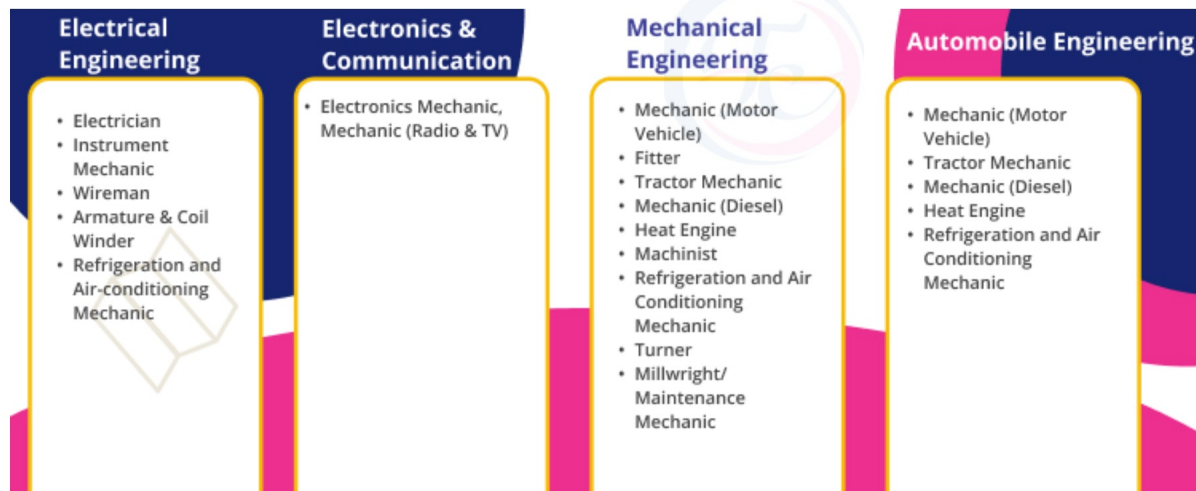
- LCM & HCF
- Number system
- BODMAS
- Decimals
- Fractions
- Square Root
- Age Calculations
- Mensuration
- Time and Work
- Time and Distance
- Elementary Statistics
- Pipes & Cistern
- Ratio and Proportion
- Percentages
- Simple and Compound Interest
- Algebra
- Geometry and Trigonometry
- Calendar & Clock
- Profit and Loss

Basic Science and Engineering:

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

- Speed and Velocity
- Engineering Drawing (Projections, Views, Drawing Instruments, Lines, Geometric figures, Symbolic, Representation)
- Basic Electricity
- Work Power and Energy
- Environment Education
- Occupational Safety and Health
- Heat and Temperature
- Units
- Measurements
- Mass, Weight, and Density
- Levers and Simple Machines,
- IT Literacy

Now, let's guide you through the topics included in Part B of the RRB ALP CBT Stage 2 exam.



[Source: Futurekul]

Electrical Engineering:

- Electrician
- Instrument Mechanic
- Wireman
- Armature & Coil Winder
- Refrigeration and Air-conditioning Mechanic

Electronics and Communication:

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

- Electronics Mechanic, Mechanic (Radio & TV)

Mechanical Engineering:

- Mechanic (Motor Vehicle)
- Fitter
- Tractor Mechanic
- Mechanic (Diesel)
- Heat Engine
- Machinist
- Refrigeration and Air Conditioning Mechanic
- Turner
- Millwright/Maintenance Mechanic

Automobile Engineering:

- Mechanic (Motor Vehicle)
- Tractor Mechanic
- Mechanic (Diesel)
- Heat Engine
- Refrigeration and Air Conditioning Mechanic

Now that we've covered the Syllabus for RRB ALP exam and discussed the topic-wise breakdown, let's move on to another important aspect: the Exam Pattern and the marking scheme. Understanding these elements will give you a clear picture of how the exam is structured and how marks are allocated, ensuring you're well-prepared for success!

RRB ALP - Exam Pattern and Marking Scheme

Now let's explore another important component of the Syllabus for RRB ALP exam: understanding the exam pattern and marking scheme of the examination. Here is a comprehensive description to help you pass the four stages of the RRB ALP exam:

- CBT Stage-1
- CBT Stage-2
- CBAT (Computer Based Aptitude Test)
- Document Verification and Medical Examination

For **CBT Stage 1**,

Syllabus for RRB ALP exam - Subject Wise Topics Weightage

- You'll encounter 75 multiple-choice questions, each worth one mark, to be completed within 60 minutes.
- Subjects covered include Mathematics, Mental Ability, General Science, and General Awareness, with a penalty of 1/3 marks for each incorrect answer.

Moving to **CBT Stage 2**, it's divided into two parts:

- Part A with 100 questions to be completed in 90 minutes, and
- Part B with 75 questions to be tackled within 60 minutes.
- Similarly, there's a 1/3 negative marking for incorrect responses.

RRB ALP - Tips to Prepare

It's important to focus your efforts wisely while you prepare for the RRB ALP exam. Here are some tips to help you prepare more quickly and efficiently:

- **Understand the Syllabus for RRB ALP exam:** Familiarize yourself comprehensively with the topics and sub-topics outlined in the RRB ALP syllabus.
- **Prioritize Health:** Maintain physical and mental well-being through a balanced diet, regular exercise, and sufficient rest.
- **Use Reliable Resources:** Utilize trustworthy study materials, books, and online resources to strengthen your understanding of the syllabus.
- **Prepare for Exam Day:** Organize all necessary documents and essentials for the exam day, ensuring punctuality at the exam centre.
- **Regular Practice:** Engage in regular practice through mock tests and past exam papers to refine your speed and accuracy.
- **Seek Clarifications:** Promptly address any queries from teachers, mentors, or online forums to prevent misunderstandings and improve comprehension.
- **Focus on Revision:** Consistently revise topics to enhance retention and understanding.

RRB ALP Exam Timeline 2024

If you are someone who is looking forward for the important exam dates for the RRB ALP Exam then here's a table for a clear understanding for the important dates for the RRB ALP Exam:

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Events	Dates
RRB ALP 2024 Notification Release	19th January 2024
Online application start date	20th January 2024
Last date of application end date	19th February 2024
Modification window for correction in application form	20th February to 29th February 2024
RRB ALP 2024 Exam Date	To be announced

We hope that this blog has been beneficial, offering extensive insights into the Syllabus for RRB ALP exam. For further information, explore our other blogs, including the

[RRB ALP Notification 2024](#)

[RRB ALP Eligibility Criteria 2024](#)

[Futurekul](#)

. Embrace this chance to showcase your capabilities. Stay composed, maintain your focus, and let your dedication illuminate your path. Remember, this exam serves as a stepping stone to your success, and you possess the capability to conquer it.