

## RRB ALP Maths Syllabus - Topics wise weightage

Are you gearing up for the

RRB

ALP exam and feeling overwhelmed by the vastness of the syllabus, particularly in maths? Fear not! Our blog is here to guide you through the intricate details of the RRB ALP Maths Syllabus. Join us in this journey, as we break down the RRB ALP Maths Syllabus into manageable sections, providing clarity on essential topics, marking scheme, and exam pattern. With our expert insights and tips, you'll be well-equipped to tackle the mathematics section of the

RRB ALP

exam with confidence and ease. Let's get on with it

!

# RRB ALP Maths Syllabus - Topics Overview

The RRB ALP Maths Syllabus encompasses a wide array of topics crucial for your exam preparation. From fundamental concepts like the Number System, BODMAS, Decimals, and Fractions to more advanced topics such as Algebra, Geometry, Trigonometry, and Mensuration, every aspect is meticulously covered in the RRB ALP Maths Syllabus. You'll delve into essential arithmetic principles like LCM, HCF, Ratio and Proportion, Percentages, and Profit and Loss, alongside mastering applications in Time and Work, Time and Distance, and Simple and Compound Interest.

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### SYLLABUS OVERVIEW



[Source: Futurekul]

As can be seen in the image provided above, Maths is an important aspect of both CBT 1 and CBT 2. Additionally, you'll tackle topics like Elementary Statistics, Square Root, Age Calculations, and Calendar & Clock in the RRB ALP Maths Syllabus preparing you comprehensively for any question that may arise. With a thorough understanding of the RRB ALP Maths Syllabus, you'll confidently navigate through topics like Pipes & Cistern, ensuring you're well-prepared to excel in

## RRB ALP Maths Syllabus - Topics wise weightage

Now that you've got a basic understanding of the RRB ALP Maths Syllabus let's move on to the topic wise weightages, and for a brief understanding of the RRB ALP Syllabus, you can check out our blog on

[RRB ALP Syllabus 2024.](#)

# RRB ALP Maths Syllabus - Topics Weightages

Here's a tabular format depicting the topic-wise weightages in marks for the RRB ALP Maths Syllabus:



RRB ALP Maths Syllabus - Topics wise weightage

Topic	Weightage in Marks
Number System	5-7 Marks
BODMAS	2-3 Marks
Decimals	2-4 Marks
Fractions	2-4 Marks
LCM	1-2 Marks
HCF	1-2 Marks
Ratio and Proportion	3-5 Marks
Percentages	3-5 Marks
Mensuration	5-7 Marks
Time and Work	4-6 Marks
Time and Distance	3-5 Marks
Simple and Compound Interest	3-5 Marks
Profit and Loss	3-5 Marks
Algebra	5-7 Marks
Geometry	5-7 Marks
Trigonometry	4-6 Marks
Elementary Statistics	2-4 Marks
Square Root	1-2 Marks
Age Calculations	1-2 Marks
Calendar & Clock	2-3 Marks
Pipes & Cistern	2-3 Marks



This breakdown clearly explains the distribution of marks across various topics in the RRB ALP Maths Syllabus.

## RRB ALP Maths Syllabus - Important Topics

In the RRB ALP Maths Syllabus, several topics hold significant importance due to their frequent appearance and relevance in the exam. Some of these crucial topics include:

- Number System
- BODMAS
- Decimals and Fractions
- Ratio and Proportion
- Percentages
- Algebra
- Geometry
- Mensuration
- Time and Work, Time and Distance
- Simple and Compound Interest

These topics are key components of the RRB ALP Maths Syllabus and mastering them will significantly enhance your chances of scoring well in the exam.

## RRB ALP Maths Syllabus - Exam Pattern & Marking Scheme

In this special section, we'll talk about the RRB ALP Exam Pattern 2024 in detail. The exam pattern for the RRB ALP 2024 has two main stages called Computer Based Tests (CBT). After that, there's a Computer Aptitude Test and Document Verification for those who pass. In both CBT stages, if you answer a question wrong, you lose 1/3rd of the marks. But in the third stage, there's no penalty for wrong answers. Also, the questions in the third stage are in both English and Hindi. It's really important for you to understand this pattern well before you start preparing for the exam.

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### EXAM PATTERN 2024

	Subjects	Number of Questions	Time Duration						
1 CBT 1	Mathematics + Mental Ability General Science + General Awareness	75	1 hour						
2 CBT 2	<table border="1"> <tr> <th>Part A</th> <th>Part B</th> </tr> <tr> <td> <ul style="list-style-type: none"> <li>Mathematics</li> <li>General Intelligence and Reasoning</li> <li>Basic Science and Engineering</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>Relevant Trade</li> </ul> </td> </tr> </table>	Part A	Part B	<ul style="list-style-type: none"> <li>Mathematics</li> <li>General Intelligence and Reasoning</li> <li>Basic Science and Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Relevant Trade</li> </ul>	Part A: 100 Part B: 75 <b>Total: 175</b>	Part A: 90 min Part B: 60 min <b>Total: 2.5 hours</b>		
Part A	Part B								
<ul style="list-style-type: none"> <li>Mathematics</li> <li>General Intelligence and Reasoning</li> <li>Basic Science and Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Relevant Trade</li> </ul>								
3 CBAT	<table border="1"> <tr> <td>Memory Test</td> <td>Direction Test</td> </tr> <tr> <td>Perception Test</td> <td>Concentration Test</td> </tr> <tr> <td colspan="2" style="text-align: center;">Perceptual Speed Test</td> </tr> </table>	Memory Test	Direction Test	Perception Test	Concentration Test	Perceptual Speed Test		-	-
Memory Test	Direction Test								
Perception Test	Concentration Test								
Perceptual Speed Test									

[Source: Futurekul]

## RRB ALP Exam Pattern 2024 for CBT 1

- The examination will be held in Computer Based Test (CBT) mode.
- The question paper will contain a total of 75 multiple-choice questions.
- Candidates will be given 1 hour to complete the paper.
- The question paper will be divided into 4 sections.

## RRB ALP Exam Pattern 2024 for CBT 2

- Stage 2 of the RRB ALP Exam 2024 will include 175 questions divided into two parts: Part A and Part B.
- Part A will consist of 100 questions, and Part B will have 75 questions.
- The marks obtained in Part A will be used for the next stage of the selection process, whereas Part B is qualifying in nature.

This detailed examination of the RRB ALP Exam Pattern 2024 is designed to offer prospective candidates a complete understanding of the exam's structure and scoring system. Having a thorough grasp of the RRB ALP Exam Pattern 2024 is not just beneficial but crucial for candidates as they prepare for the upcoming exam. For a more detailed analysis on the intricacies of the RRB ALP Exam Pattern, you can visit our blog on

[RRB ALP Exam Pattern 2024.](#)

## RRB ALP Maths Syllabus - Preparation Tips

## RRB ALP Maths Syllabus - Topics wise weightage

To do well in the RRB ALP 2024 exam, it's important to study the RRB ALP Maths Syllabus in an organized way.

- Start by learning everything in the syllabus, like current events, history, geography, and science.
- Make a schedule for studying and taking breaks. It's important to study regularly to learn everything well.
- Use fun tools like online tests, flashcards, and games to make studying more interesting.
- Study with friends to help each other and make learning more fun.
- Picture yourself doing well on the exam to stay motivated.
- Review what you've learned regularly to remember it better.
- Stay positive and think about others who have succeeded to stay motivated.

As you wrap up your exploration of the RRB ALP Maths Syllabus, remember that preparation is the key to success. By mastering the topics covered in the syllabus and practicing regularly, you'll be well-equipped to tackle the exam with confidence. Stay focused, stay determined, and keep pushing yourself to reach your goals. With dedication and perseverance, you'll surely excel in the RRB ALP exam and take a significant step towards achieving your dreams. Best of luck on your journey ahead!

