

Your Guide to Score More in Mathematics for Group D Railways Recruitment Exam!

RRB Group D online written exam is soon going to take place. To score good marks in such a competitive recruitment you need to be on the top of your game. Since the level of Maths is not very tough in RRC Group D exam, a constant practice can help you score easily and quickly. Read the preparation tips in this article to know how to get maximum marks in Mathematics for Group D Online Written Exam.

Mathematics is one the major topic that is being asked in the online written exam and involves a lot of calculation. This section can become very time consuming if you don't have enough practice in all the topics of this section, which can become frustrating. However, this occasional dullness of Quant can be removed by **studying it with quizzes and reading**. Make sure your practice is a blend of reading important tips for the section as well as practising sums. The best way to prepare is following a **strategy prioritising topics that are easy and have high weightage**.

Go through the exam pattern before you begin this to ensure complete familiarity what you are going to face in exams.

<u>RRB Group D Recruitment Notification</u>

Railways RRB Group D Exam Pattern

Knowing which topic has what weightage will allow you to **categorise questions into those which need intense practice and which don't**. There are 4 basic categories that you need to divide your questions into:

> FASTEST WAY TO PREPARE CURRENT AFFAIRS











- 1. More Weightage + Easy Questions
- 2. Time Consuming + Easy Questions
- 3. More Weightage + Difficult Questions
- 4. Time Consuming + Difficult Questions

Take a look at the weigthage of some of the major topics from Mathematics section.

Торіс	Weightage	Торіс	Weightage
Simplification	7-10 Qs	Mixture Problems	1-2 Qs
Data Interpretation	4-5 Qs	Mensuration	2-3 Qs
Algebra	3-4 Qs	Time and Work	1-2 Qs
Percentages	2-3 Qs	Speed Time and Distance	2-3 Qs
Number System	2-3 Qs	Interest	1-2 Qs
Averages	1-2 Qs	Profit and Loss	2-3 Qs
Ratio and Proportion	1-2 Qs	Number Series	1-2 Qs

Take a look at the detailed Syllabus for RRB Group D exam to know the weightage of other sections.

Detailed RRB Group D Syllabus

Mathematics for Group D - How to Prepare for Easy Topics

• **Topics:** Simplification, Average, Percentage, Ratio & Proportion, Probability & Number System







- These topics are easy and very high scoring.
- In terms of solving, they are comparatively less time-consuming.
- Therefore, with good practice and accuracy, you can score good marks in these topics.

(1) Simplification:

- You should target 'simplification' questions early in your exam preparation.

- Start Practicing **quick mental calculations** to save time while solving mathematics questions.

- Try to use **short tricks and techniques** for faster calculations.

- Concepts are **easy to understand** and so you should keep yourself familiar with them.

- Practice a **mix of problems** on BODMAS Rule, Approximations, Square & Cubes, Surds & Indices, Decimals and Percentages.

Read these articles for more understanding about the types of questions in this topic:

(1) <u>Quick Trick to Find Cube Root of a Number</u>

(2) Shortcut to Find Square Root of a Number

(3) <u>Simplification Technique Through BODMAS Rule</u>

(4) <u>Remember Reciprocals of Numbers with Shortcuts</u>.

Try solving these quizzes for practice: <u>Quiz 1</u> and <u>Quiz 2</u>.

(2) Average, Percentage, Ratio & Proportion, Probability & Number System

• Begin your preparation with the basic topics like Average, Probability & Percentage.

FASTEST WAY TO PREPARE CURRENT AFFAIRS









- Practice as many questions you can following a strict time schedule. Make sure you improve your solving practice every time you solve them.
- Solve these quizzes for checking your practice:

(1)Profit and Loss Quiz
(2)Interest Quiz
(3)Average and Percentage Quiz
(4)Ratio and Proportion Quiz

Mathematics for Group D - How to Prepare for Moderate Topics

- **Topics:** Speed Time & Distance, Number Series, Profit & Loss, Data Interpretation, Interest
- These topics are easier to solve if proper steps are followed with decent practice.

(1) Number Series

- These questions are **much easy and quick to solve**.
- You can solve such questions with various different methods and to know which method to apply in which question, requires a good amount of practice.
- Solve around **<u>100 questions of Number Series</u>** on different patterns.
- Your **confidence increases after your familiarity increases**. So keep practicing and increase your confidence.

(2) Data Interpretation

- Daily practice is a must for DI questions.
- Do **1-2 sets each** on Tables, Pie Chart, Line Graph, Bar Graph and Miscellaneous questions involving word problems every day.
- Practicing each day will help you gain confidence & will increase you analyzing power, which will eventually increase your solving speed.

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- Here are some articles on DI:
 (1)Solve Missing DI Questions
 (2)Quickly Solve Maximum-Minimum
 (3)How to Quickly Solve Line Graph Problems
 (4)How to Quickly Solve Pie Chart Problems in DI
- See your preparation level by solving these quizzes: <u>DI Quiz 1</u>, <u>DI Quiz 2</u>, <u>DI Quiz 3</u>

(3) Speed Time & Distance, Profit & Loss & Interest

- In Time, Speed & Distance, do problems on trains, Boat & Stream, Average Speed.
- Try to solve 2-3 sub-topics every day to get a good grip on all the topics in the long run.
- Use Formula sheets to keep all the important and most used formula and revise them every night.
- See your preparation level by solving these quizzes: <u>Time Speed & Distance</u>
 <u>Quiz</u>, <u>Time Speed and Distance Quiz 2</u>

Mathematics for Group D - How to Prepare for Difficult Topics

• **Topics:** Mensuration, Mixture Problems, Time & Work, Geometry, Trigonometry

FASTEST WAY TO PREPARE

CURRENT AFFAIRS

- There are relatively less chances of solving them correctly.
- They also take more time in solving.
- However, practice is the key in these topics most importantly.

Strategies:

• Try solving at least 1-2 sub-topics every day.

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Maintain a formula sheet for every topic and keep revising it on daily basis.

FOR 4 MONTHS

testbook

- Check your exam preparation of these topics every week and see whether you are getting better or not, if not change the approach of solving these questions.
- In Mensuration, do topics involving Cubes, Cuboids, Square, Rectangle,
 Cylinder, Sphere, Circle, Semicircle, Cone etc.
- In Time & Work, questions on **Work Efficiency, Wages and Pipes & Cisterns** should be stressed.

Mathematics for Group D - General Tips

- Practice questions daily on <u>Testbook App</u> for getting used to the tricky questions.
- Every day, try taking at least one mock test till the exam approaches.
- Go through all the **solutions** thoroughly for a proper conceptual understanding of the questions in mock tests.
- Understand your **detailed analysis**. Keep a tab on what your strong topics are and what your weaknesses are. Adjust your strategy accordingly.
- Try various **order of attempt** patterns in your mock tests to see what suits you best.
- Attempt mocks like you would the actual exam. This means you have to solve them without breaks or disturbances.

We hope these Preparations tips for Mathematics for Group D were helpful to you. We wish you good luck for your RRB Group D exam. You can take a look at other details of RRB Group D in the articles given below:





RRB Group D Eligibility Criteria Railway RRB Group D Previous Papers with Answer Keys Tips to Improve your score in Reasoning Section of RRB Group D Recommended Book for RRB Group D

Practice free online question on RRB Group D on testbook:

Practice Questions on Testbook

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