

Railway Exams in India (RRB)

Introduction

Railway exams are among the most popular government job exams in India. The Railway Recruitment Board (**RRB**) conducts various exams to recruit candidates for different posts in the Indian Railways. Railway jobs offer job security, good salary, allowances, and long-term career growth.

To crack railway exams, candidates need strong basics, speed, accuracy, and regular practice with mock tests. This guide covers complete railway exam details including eligibility, syllabus, exam pattern, marking scheme, and preparation roadmap.

What are Railway Exams?

Railway recruitment exams are conducted mainly by:

- **RRB (Railway Recruitment Board)**
- **RRC (Railway Recruitment Cell)**

These exams recruit candidates for posts such as:

- Group D
- NTPC
- ALP (Assistant Loco Pilot)
- Technician
- Junior Engineer (JE)

Major Railway Exams

1) RRB NTPC

For Non-Technical Popular Categories (Clerk, Typist, Goods Guard, Station Master, etc.)

2) RRB Group D

For Level-1 posts (Track Maintainer, Helper, Assistant, etc.)

3) RRB ALP

Assistant Loco Pilot

4) RRB Technician

Technician posts in railways

5) RRB JE

Junior Engineer (technical post)

Railway Exam Posts

RRB NTPC Posts

- Junior Clerk / Typist
- Accounts Clerk
- Commercial cum Ticket Clerk
- Goods Guard
- Station Master
- Junior Time Keeper

RRB Group D Posts

- Track Maintainer
- Helper (Electrical, Mechanical, S&T)
- Assistant Pointsman
- Porter / Gateman (as per vacancy)

RRB ALP Posts

- Assistant Loco Pilot
- Loco Pilot (promotion-based later)

Railway Exam Selection Process

Selection depends on the exam type.

1) RRB NTPC Selection

- CBT 1
- CBT 2
- Typing Skill Test / CBAT (for some posts)
- Document Verification
- Medical Test

2) RRB Group D Selection

- CBT
- Physical Efficiency Test (PET)
- Document Verification
- Medical Test

3) RRB ALP Selection

- CBT 1
- CBT 2
- CBAT (Aptitude Test)
- Document Verification
- Medical Test

4) RRB JE Selection

- CBT 1
- CBT 2
- Document Verification
- Medical Test

Railway Exam Eligibility Criteria

Eligibility depends on the exam.

Educational Qualification

RRB NTPC

- 12th pass for some posts
- Graduation for graduate-level posts

RRB Group D

- 10th pass OR ITI OR equivalent

RRB ALP

- 10th + ITI (relevant trade)
OR
- Diploma in Engineering

RRB Technician

- 10th + ITI / Diploma (as per post)

RRB JE

- Diploma / Degree in Engineering

Age Limit (General)

RRB NTPC

- 18 to 30 years (*varies by post*)

RRB Group D

- 18 to 33 years (*as per latest updates*)

RRB ALP

- 18 to 30 years

RRB JE

- 18 to 33 years

(Age relaxation applies as per government rules.)

Railway Exam Pattern & Marking Scheme

Most RRB exams are conducted in **CBT mode (online)**.

Marking Scheme

- Correct answer: **+1 mark**
- Wrong answer: **-1/3 mark (0.33 negative marking)**
- Unattempted: 0 marks

RRB NTPC Exam Pattern

CBT 1

Total Questions

- 100

Time

- 90 minutes

Subjects

1. General Awareness
2. Mathematics
3. General Intelligence & Reasoning

CBT 2

Total Questions

- 120

Time

- 90 minutes

Subjects

1. General Awareness

2. Mathematics
3. General Intelligence & Reasoning

RRB Group D Exam Pattern

Total Questions

- 100

Time

- 90 minutes

Subjects

1. General Science
2. Mathematics
3. General Intelligence & Reasoning
4. General Awareness & Current Affairs

RRB ALP Exam Pattern

CBT 1

- Mathematics
- Reasoning
- General Science
- General Awareness

CBT 2

Part A

- Maths
- Reasoning
- General Science
- General Awareness

Part B

- Trade / Technical knowledge (based on ITI/diploma)

RRB JE Exam Pattern

CBT 1

- Mathematics
- Reasoning
- General Awareness
- General Science

CBT 2

- Technical Subjects (Engineering)
- General Awareness
- Reasoning
- Maths

Railway Exam Syllabus (Section-Wise)

1) Mathematics

- Number system
- Simplification
- LCM/HCF
- Percentage
- Ratio and proportion
- Profit and loss
- Simple and compound interest
- Time and work
- Time, speed and distance
- Average
- Algebra (basic)
- Geometry and mensuration
- Data interpretation

2) Reasoning

- Coding-decoding
- Series
- Analogy
- Classification
- Direction
- Blood relation
- Syllogism
- Venn diagram
- Puzzles
- Statement and conclusion
- Non-verbal reasoning

3) General Awareness

- Current affairs
- Indian history
- Geography
- Indian polity
- Economy
- Static GK
- Sports and awards
- Important government schemes

4) General Science

- Physics (basic)
- Chemistry (basic)
- Biology (basic)
- Science questions mainly from Class 10 level

Physical Efficiency Test (PET) – Group D

Candidates must qualify PET:

Male

- Lift and carry 35 kg for 100 meters in 2 minutes
- Run 1000 meters in 4 minutes 15 seconds

Female

- Lift and carry 20 kg for 100 meters in 2 minutes
- Run 1000 meters in 5 minutes 40 seconds

(Standards may vary slightly as per notification.)

Skills Required to Crack Railway Exams

Railway exams mainly test:

- Speed and accuracy
- Strong basics in maths
- Reasoning ability
- General awareness
- Science fundamentals
- Time management

How to Prepare for Railway Exams

Step 1: Understand the Exam

- Choose exam (NTPC/Group D/ALP/JE)
- Learn syllabus and pattern
- Know marking scheme

Step 2: Strengthen Basics

- Maths arithmetic
- Reasoning daily practice
- Science NCERT revision
- Daily current affairs

Step 3: Practice + Mock Tests

- Daily topic-wise practice
- Weekly sectional tests

- Full mock tests regularly

Step 4: Revision

- Revise formulas daily
- Make short notes for GA
- Solve previous year papers

Study Material & Mock Tests

A good railway coaching program provides:

- Updated study material
- Topic-wise practice sets
- Previous year papers
- Mock test series
- Doubt clearing sessions
- Performance tracking

How EMGC Railway Coaching Can Help

EMGC Railway coaching offers structured preparation for RRB NTPC, Group D, ALP, and JE exams. With expert faculty, concept-based teaching, regular practice sessions, mock tests, and doubt-solving support, EMGC helps students improve speed, accuracy, and confidence.

The program includes:

- Complete syllabus coverage
- Daily practice sessions
- Weekly tests and mock series
- Doubt clearing sessions
- Current affairs and GK support

Conclusion

Railway exams provide a stable and rewarding career in Indian Railways. With the right preparation strategy, consistent practice, and mock test analysis, cracking RRB exams is completely achievable.