

RRB Group D Syllabus & Exam Pattern

| Subject | Question | Marks |
|-------------------------------------|------------|------------|
| General Awareness & Current Affairs | 20 | 20 |
| General Intelligence & Reasoning | 30 | 30 |
| Mathematics | 25 | 25 |
| General Science | 25 | 25 |
| Total | 100 | 100 |

- Each question carries **one mark**. **Negative marking of 0.33 marks** for each wrong answer.
- The exam is conducted in **multiple languages**.
- Qualifying the CBT leads to the **Physical Efficiency Test (PET)**.

Mathematics

This section evaluates numerical ability and mathematical skills.

Key Topics:

- Number System - Whole numbers, decimals, fractions, LCM & HCF.
- Simplification - BODMAS rule, approximation, square & cube roots.
- Ratio and Proportion - Direct and inverse proportion problems.
- Percentage & Profit-Loss - Discount, simple and compound interest.
- Time and Work - Pipes and cisterns, efficiency-based problems.
- Speed, Time & Distance - Trains, boats & streams problems.
- Algebra - Linear equations, quadratic equations, polynomials.
- Geometry & Mensuration - Area, perimeter, volume of 2D & 3D shapes.
- Data Interpretation - Pie charts, bar graphs, tables, and line graphs.

General Intelligence & Reasoning

This section assesses **logical thinking and problem-solving abilities**. Key topics include:

Key Topics:

- **Coding-Decoding** - Letter shifting, number-based coding.
- **Analogies** - Word, number, and figure analogies.
- **Series Completion** - Number series, letter series, mixed series.
- **Direction Sense Test** - Maps, left-right orientation.
- **Blood Relations** - Family tree, logical relations.
- **Order & Ranking** - Position-based puzzles.
- **Syllogism** - Logical statements and Venn diagrams.
- **Statement & Conclusion** - Assumptions, cause-effect analysis.
- **Clock & Calendar** - Time-related reasoning.
- **Mirror & Water Images** - Visual reasoning.

General Awareness

This section assesses knowledge of current affairs and general knowledge.

Key Topics:

- **Indian History & Freedom Struggle** - Important events and leaders.
- **Geography** - Physical geography, Indian states & capitals.
- **Polity** - Indian Constitution, Fundamental Rights, Parliament.
- **Economics** - Budget, Economic terms, Schemes.
- **Sports** - Recent tournaments, winners.
- **Science & Technology** - ISRO, DRDO, space missions.
- **Awards & Honors** - National & International Awards.
- **Books & Authors** - Famous books and writers.
- **Government Schemes** - PM Yojanas, welfare programs.
- **Current Affairs** - Last 6-12 months important news.

Science

The General Science section covers Physics, Chemistry, and Biology from Class 10th level (NCERT-based). Key topics include:

Key Topics:

- **Physics:**
 - Laws of Motion, Work & Energy.
 - Sound, Light, and Heat.
 - Current, Electricity & Magnetism.
 - Gravitation & Waves.
- **Chemistry:**
 - Chemical Reactions & Equations.
 - Acids, Bases & Salts.
 - Metals & Non-Metals.
 - Atomic Structure & Periodic Table.
- **Biology:**
 - Human Body, Nutrition & Diseases.
 - Cell Structure & Functions.
 - Reproduction & Genetics.

- Ecology & Environment.

Physical Efficiency Test (PET)

Candidates who qualify in the CBT will be called for the Physical Efficiency Test (PET). The requirements differ for male and female candidates.

- **For Male Candidates:**
 - Lift & carry 35 kg weight for 100 meters in 2 minutes without putting it down.
 - Run 1000 meters in 4 minutes and 15 seconds in one attempt.
- **For Female Candidates:**
 - Lift & carry 20 kg weight for 100 meters in 2 minutes without putting it down.
 - Run 1000 meters in 5 minutes and 40 seconds in one attempt.
 - Note: PET is qualifying in nature; candidates must meet the above standards to proceed to document verification.

RajShalaDarpan.Org Whatsapp [9352018749](https://www.whatsapp.com/channel/002999352018749)