

RRB Technician Exam Pattern 2025

Technician Grade I (Signal) – Exam Pattern

Stage 1 (CBT):

- General Awareness
 - General Intelligence & Reasoning
 - Mathematics
 - Basic Science and Engineering
- Total Questions: 100
Time: 90 Minutes
Negative Marking: 1/3 for each wrong answer

Stage 2 (CBT): Based on Relevant Technical Trade

Technician Grade III – Exam Pattern

Single Stage CBT:

- Mathematics
 - General Intelligence & Reasoning
 - General Science
 - General Awareness on Current Affairs
- Total Questions: 100
Time: 90 Minutes
Negative Marking: 1/3 for each wrong answer
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RRB Technician Grade I (Signal) – Detailed Syllabus

- ◆ 1. General Awareness:
 - Current Affairs (National & International)
 - Indian History, Geography & Culture
 - Polity and Constitution
 - Environmental Issues
 - Sports, Awards, Government Schemes
 - Science & Technology
- ◆ 2. General Intelligence & Reasoning:

- Analogies
- Coding-Decoding
- Blood Relations
- Alphabet & Number Series
- Syllogism
- Direction Sense
- Puzzles & Seating Arrangement
- ◆ 3. Mathematics:
 - Number System
 - HCF & LCM
 - Ratio and Proportion
 - Percentage
 - Time & Distance
 - Time & Work
 - Simple & Compound Interest
 - Mensuration
 - Profit & Loss
 - Algebra & Geometry
- ◆ 4. Basic Science & Engineering:
 - Units & Measurements
 - Work, Power, Energy
 - Electricity, Circuits & Magnetism
 - Thermodynamics
 - Basics of Engineering Drawing
 - Levers, Gears, Bearings
 - Tools and Workshop Safety
 - Basic Computer Knowledge

◆ 1. Mathematics:

- BODMAS, Simplification
- Percentages
- Time, Speed, and Distance
- Simple and Compound Interest
- Ratio & Proportion
- Mensuration
- Algebra
- Geometry
- Average

◆ 2. General Intelligence & Reasoning:

- Analogies
- Coding-Decoding
- Puzzle Solving
- Syllogism
- Mirror Images
- Blood Relations
- Decision Making
- Direction Test

◆ 3. General Science:

- Physics: Laws of Motion, Force, Sound, Light
- Chemistry: Physical & Chemical Changes, Elements & Compounds
- Biology: Nutrition, Diseases, Human Body System, Ecosystems

◆ 4. General Awareness:

- Recent Government Schemes
- Economic Development
- Books & Authors
- Awards and Honours
- Sports Events

- International & National Affairs