

RRB Technician Grade 3 (Signal) – Syllabus

Subject	Topics
Mathematics	Number System, BODMAS, Decimals & Fractions, Ratio & Proportion, Simple & Compound Interest, Profit & Loss, Percentages, LCM & HCF, Square Root, Speed–Time–Distance, Pipes & Cisterns, Algebra, Time & Work, Elementary Statistics, Age Calculations, Geometry & Trigonometry, Mensuration.
General Intelligence & Reasoning	Analogies, Alphabetical & Number Series, Coding & Decoding, Mathematical Operations, Relationships, Syllogism, Jumbling, Venn Diagram, Data Interpretation & Sufficiency, Conclusions & Decision Making, Similarities & Differences, Analytical Reasoning, Classification, Directions, Statements–Arguments–Assumptions, etc.
General Science	Work, Power & Energy, Environment Education, Units & Measurements, Heat & Temperature, Speed & Velocity, Basic Electricity, Levers & Simple Machines, Mass/Weight/Density, Occupational Safety & Health.
General Awareness	Current Affairs (National & International), Sports, Culture, Famous Personalities, Science & Technology, Books & Authors, Environment & Society related topics.

RRB Technician Grade 3 (Signal) – Exam Pattern

- Duration: 90 minutes (120 minutes for PwBD candidates)
- Qualifying Marks: 40% for EWS, 30% for SC&OBC, and 25% for ST
- Question Type: MCQ
- Negative Marking: -1/3 for every wrong answer

Subjects	No. of Questions	Total Marks
Mathematics	25	25
General Intelligence & Reasoning	25	25
General Science	40	40
General Awareness	10	10
Total	100	100

