

Railway Recruitment Board (RRB) Syllabus

RRB Level 1 Syllabus - Mathematics

- Number system
- BODMAS
- Decimals
- Fractions
- LCM
- HCF
- Ratio and Proportion
- Percentages
- Mensuration
- Time and Work
- Time and Distance
- Simple and Compound Interest
- Profit and Loss
- Algebra
- Geometry and Trigonometry
- Elementary Statistics
- Square root
- Age Calculations
- Calendar & Clock
- Pipes & Cistern etc

Railway Recruitment Board General Intelligence & Reasoning Syllabus

- Analogies
- Alphabetical and Number Series
- Coding and Decoding
- Mathematical operations
- Relationships
- Syllogism
- Jumbling
- Venn Diagram
- Data Interpretation and Sufficiency
- Conclusions and Decision making
- Similarities and Differences
- Analytical Reasoning
- Classification
- Directions
- Statement – Arguments and Assumptions etc.

Railway Recruitment Cell Syllabus – General Science (10th Standard)

Physics & Chemistry

- Laws of motion
- Units and measurements

Railway Recruitment Board (RRB) Syllabus

- Thermal properties of matter
- Gravitation
- Wave Optics
- Kinetics
- Work, energy, and power
- Physical world
- Oscillations
- Ray optics and optical instruments
- Mechanical properties of solids
- Thermodynamics
- Motion in a straight line
- Nuclei
- Motion in a plane
- Systems of particles and rotational motion
- Mechanical properties of fluids
- Moving charges and magnetism
- Electric charges and fields
- Electrostatic potential and capacitance
- Electromagnetic induction
- Current electricity
- Magnetism and Matter
- Dual nature of radiation and matter
- Alternating current
- Atoms
- Electromagnetic waves
- Semiconductor electronics
- Waves
- The s – block elements
- Communication systems
- Organic chemistry-some basic principles and techniques and hydrocarbons
- P-block elements – group 14 (carbon family)
- Solutions
- Surface chemistry
- Thermodynamics
- Chemical equilibrium and acids-bases
- Hydrogen and its Compounds
- Atomic structure
- D and f block elements & coordination compounds
- Classification of elements and periodicity in properties
- Environmental chemistry
- Biomolecules
- Solid state
- States of matter: gasses and liquids
- Chemistry in everyday life
- Stoichiometry
- General principles of metallurgy

Railway Recruitment Board (RRB) Syllabus

- Organic compounds containing c, h, and o
- P- block elements group 13 (boron family)
- P-block elements
- Chemical bonding and molecular structure
- Electrochemistry and chemical kinetics
- Haloalkanes and Haloarenes
- Polymers
- Organic compounds containing nitrogen

Life Sciences

- Molecules and their Interaction Relevant to Biology
- Cellular Organization
- Fundamental Processes
- Cell Communication and Cell Signaling
- Developmental Biology
- Inheritance Biology
- The diversity of Life Forms
- Ecological Principles
- Evolution and Behavior
- System Physiology – Plant
- System Physiology – Animal
- Applied Biology
- Methods in Biology

RRB Level 1 Syllabus - General Awareness on current affairs

- Science & Technology
- Sports
- Culture
- Personalities
- Economics
- Politics and any other subject of importance