

RRB Group D Syllabus

RRB Group D Syllabus for Mathematics

Subject	Topics
Simplification	BODMAS, Approx Value, Square Root, Percentage, Fractions, Reciprocals of Numbers, Decimals, Surds and Indices
Data Interpretation	Tabular Graph, Pie Chart, Line Graph, Bar Graph
Algebra	Identities, Linear Equations (1 & 2 Variables), Quadratic Equation, Polynomials, Unit Digit, Linear Inequalities and Functions
Percentages	Calculation-oriented basic percentage
Number System	LCM & HCF, Divisibility & Remainder, Integers, Rational & Irrational Numbers
Averages	Average Weight/Height/Age/Marks, Average Money Expenditure, Average Temperature
Ratio and Proportion	Simple Ratios, Compound Ratios, Direct/Indirect Proportion, Componendo & Dividend, Fourth Proportional, Third Proportional, Age, Mean Proportional
Mixture Problems	Problems on making a mixture of two or more entities/mixtures
Mensuration	Areas & Volumes of Square, Rectangle, Circle, Semicircle, Triangle, Rhombus, Trapezium, Parallelogram, Cone, Cylinder, Cube, Cuboid, Sphere, Right Prism, Tetrahedron, Pyramid

Time and Work	Work Efficiency, Work & Wages, Pipes & Cistern
Speed, Time, and Distance	Partial Speed, Relative Speed, Average Speed, Boat & River, Problems on Trains
Interest	Simple Interest, Compound Interest, Combined Problems on SI & CI
Profit and Loss	Dishonest Dealings, Successive Selling, Partnership, Discount, Marked Price, Mixture Problems
Number Series	Completing the Series, Finding the Missing Term, Finding the Wrong Term
Geometry	Basic Problems on Triangles, Congruence & Similarity, Theorems on Segments, Tangents & Chords, Different types of Quadrilaterals, Coordinate Geometry
Trigonometry	Identities, Functions, Heights & Distances, Max & Min Value, Circular Measure of Angles
Probability	Basic Problems on Probability

RRB Group D Syllabus for General Intelligence

Subject	Topics
Analogy	Letter-based, Letter and Number-based, Meaning-based, GK-based, Image-based, Based on members of a group
Series	Alphabetic Series, Number Series, Mixed Series, General Knowledge Series
Coding and Decoding	Letter shifting, Fictitious language, Coding letter of a word, Operation based on place value, Coding by analogy

Puzzles	Quant-based puzzle, Logical puzzle (Equation insert, BODMAS rule, Inequality, Coded logic), Seating Arrangement (Circular, Linear), Scheduling, Double Line-up, Clock & Calendar
Direction and Distance	Route & network-based problems
Blood Relation	General blood relation problems, Family tree problems, Coded blood relation problems
Alphabet and Word Test	Logical order sequence, Dictionary order, Reverse dictionary order, New word by adding prefix/suffix, Jumbled words (Find odd one, Unjumble words), Matrix, Word formation
Venn Diagram	Logical Venn Diagram, Venn Diagram problem, Syllogism
Missing Number	Matrix & diagram-related problems
Non-Verbal Reasoning	Assemble Image, Mirror Image, Hidden Image, Completion of Incomplete Pattern, Cubes & Dice (Construction of Boxes, Problems on Dice), Paper Folding & Cutting, Missing Term, Counting Figures
Classification	Letter-based, Letter and Number-based, Meaning-based, General Knowledge-based, Image-based, Number-based
Verbal Reasoning	Statements & Conclusions, Statements & Inferences, Statements & Assumptions, Assertion & Reason, Course of Action, Statements & Arguments

RRB Group D Syllabus for Current Affairs

Subject	Topics
Current Affairs	Art and Culture, Awards and Honors, Business and Economy, Books and Authors, Committees and Recommendations, National Affairs, People in News, Places in News, Defense News, Days and Events, Government Policies and Schemes, Sports, Capitals and Currencies, Appointments and Resignations, Railway Current Affairs
Geography	Indian Geography (National Parks & Sanctuaries, Wildlife Sanctuaries, etc.)
History	Indian Freedom Struggle, Ancient History, Medieval History, Post-Independence History
Polity	Constitution of India, Government Portfolios, etc.
Economics	Indian Economy, Economic Organizations, World Economy, Business, Economic Theory, Economic Reforms
Miscellaneous Topics	Art and Culture, Awards and Honors, Places in News, Books and Authors, Committees and Recommendations, Sports, Environment, Banking Awareness, Science & Technology, Bitcoin & Cryptocurrencies

RRB Group D Syllabus for General Science

Subject	Topics
Physics	Units and measurements, Force and Laws of Motion, Work, Energy, and Power, Gravitation, Pressure, Sound, Waves, Heat, Friction, Light- Reflection and Refraction, Current Electricity, Magnetism, Magnetic Effects of Electric Current, Scientific Instruments, Inventions, Important Discoveries Relating to Physics, Sources of Energy
Chemistry	Matter, Atoms and Molecules, Structure of Atoms, Chemical Reactions and Equations, Periodic Classification of Elements, Chemical Bonding, Oxidation & Reduction, Combustion and Flame, Acids, Bases & Salts, Electrolysis, Carbon & its Compounds, Fuels, Metallurgy, Synthetic fibers and Plastics, Metals & Non-Metals, Common Facts and discoveries in chemistry
Life Sciences	Introduction, Classification of Organism, Cytology, Genetics, Heredity and Evolution, Botany: Classification of Plant Kingdom, Plant Morphology, Plant Tissue, Photosynthesis, Plant Hormones, Plant Diseases, Ecology & Environment, Pollution, Zoology: Classification of Animal Kingdom, Animal Tissue, Human Blood, Organ & Organ System, Human blood and blood groups, Human Eye, Nutrients, Human Diseases, Natural Resources