



# Syllabus for RISE

## (Rigorous Intelligence Search Examination) 2023

PHYSICS	CHEMISTRY	MATHS	BIOLOGY	MENTAL ABILITY
For Class 7 Studying Students going to Class 8 in 2023				
Heat Motion & Time, Gravitation	Fibre to Fabric, Acids, Bases & Salts, Soil	Integers, Fractions & Decimals, Data Handling, Simple Equations, Lines & Angles, Triangles & Its Properties	Nutrition in Plants, Nutrition in Animals, Weather, Climate and Adaptation of Animals to Climate	Questions on General logic & Mental Ability
For Class 8 Studying Students going to Class 9 in 2023				
Force & Pressure, Friction, Gravitation, Natural Phenomena	Synthetic Fibres & Plastics, Metals & Non-metals, Coal & Petroleum	Rational Numbers, Square & Square roots, Cube & Cube Roots, Linear Equation In One Variable, Exponents, Identities & Factorization, Comparing Quantities	Crop Production & Management, Micro-organism, Cell-Structure of Cell & Its Function	Questions on General logic & Mental Ability
For Class 9 Studying Students going to Class 10 in 2023				
Motion Uniform, Non-uniform (Accelerated), Forces & Laws of Motion, Gravitation	Matter in Our Surrounding, Is Matter around us pure, Atoms & Molecules, Structure of Atom	Number System, Polynomials, Lines & Angles, Triangles, Co-ordinate Geometry	Improvement in Food, Resources, Cell-The Fundamental Unit of Life, Tissues, Diseases: Why do we fall ill	Questions on General Logic & Mental Ability
For Class 10 Studying Students going to Class 11 in 2023				
Electricity & Its heating & Chemical Effects, Magnetic Effects of Electric Current, Light	Chemical Reactions & Equations, Acid, Base & Salts, Periodic Classification, Metals & Non-metals	Real Numbers, Polynomials, Triangles, Trigonometry, Pair of Linear Equations in Two Variables	Life Processes, Control & Co-ordination	Questions on General logic & Mental Ability
For Class 11 Studying Students going to Class 12 in 2023 (ENGG.)				

### CLASS 11 NCERT SYLLABUS

For Class 11 Studying Students going to Class 12 in 2023 (MED.)

### CLASS 11 NCERT SYLLABUS

For Class 12 Appearing/Pass [Engg.]

### CLASS 11 & 12 NCERT SYLLABUS

For Class 12 Appearing/Pass [Medical]

### CLASS 11 & 12 NCERT SYLLABUS

Class-6-10 (P-10) (C-10) (B-10) (M-10) (MA-5)  
Class-11 (Engg.) (P-15) (C-15) (M-15)

Class-11 (Med.) (P-15) (C-15) (B-15)  
Class-12 (Engg.) (P-15) (C-15) (M-15)

Class-12 (Med.) (P-15) (C-15) (B-15)