

BIOLOGY

Biology-1	Nutrition, Respiration, Transportation in Plants and Animals, Excretion, The Regulators of Life, The Life Cycle, Mapping our Genes, Introduction to Microbiology, Cell Biology and Biotechnology, Disaster Management
Biology-2	Cell: The Unit of Life, Life : Simple and Complex, Life Around You, Highway to Health, Quality food Quality Life, Bonding with Ecosystem, Striving for Better Environment , Solid Waste : Eco-friendly Management

PHYSICS

Physics-1	Electricity and Chemical Effects of Current, Magnetic Effects of Current, Light, Sources of Energy, Heat, Miscellaneous
Physics-2	Motion, Force and NLM, Gravitation, Thrust and Pressure, Work, Energy, Power, Wave and Sound, Information Communication Technology

CHEMISTRY

Chemistry-1	Chemical Reactions & Equations, Acids, Bases & Salts, Metals & Non-metals, Carbon and its Compounds, Periodic Classification of Elements
Chemistry-2	Atoms and molecules, Structure of an atom

MATHEMATICS

Mathematics-1	Sets, Linear Equations in Two Variables, Number System, Surds and Indices, Polynomials, Rational Expressions, Quadratic Equations, Arithmetic Progressions, Coordinate Geometry, Trigonometry and Its Applications, Triangle, Circles and Tangent to the circle, Mensuration of Plane Figures, Mensuration of Solid Figures, Statistics, Probability, Lines and Angles, Quadrilaterals, Area of Parallelogram and Polygon, Equation of Straight Line.
Mathematics-2	Every Day Mathematics: Percentage, Profit, Loss and Discount, Partnership, Mixtures and Alligations, Simple and Compound Interest, Instalments, Ratio and Proportion, Time Speed & Distance, Unitary Method, Time and Work, Pipes And Cisterns, Problems on Ages, Financial Planning

MENTAL ABILITY

Mental Ability - 1	Verbal: Series, Logical Sequence of Words, Coding & Decoding, Analogy, Classification, Logical Venn Diagrams, Mathematical Operations, Direction Sense Test, Alphabet Test, Puzzle Test, Number, Ranking & Ordering Test, Alpha-Numeric Sequence Puzzle, Inserting The Missing Characters, Calendar, Arithmetical Reasoning, Blood Relations, Statements-Conclusions, Clock, Data Sufficiency, Sequential Output Tracing.
Mental Ability - 2	Non Verbal: Series, Analogy, Classification, Analytical Reasoning, Mirror Images, Water Images, Spotting Out The Embedded Figures, Completion of Incomplete Pattern, Figure Matrix, Paper Folding & Paper Cutting, Rule Detection, Construction of Shapes, Dice, Cube, Dot Situation, Grouping of Identical Figures.

SOCIAL SCIENCE

SST - 1	<p>History : Historiography : Development in the West, Historiography: Indian Tradition, Applied History, History of India Arts, Mass Media and History, Entertainment and History, Sports and History, Tourism and History, Heritage Management .</p> <p>Political Science: Working of the Constitution, The Electoral Process, Political Parties, Social and Political Movements, Challenges faced by Indian Democracy.</p> <p>Geography : Location & Extent, Physiography, Drainage, Climate, Natural Vegetation and Wildlife, Population, Human Settlements, Economy and Occupation, Tourism, Transport and Communication.</p>
SST - 2	<p>History: Sources of History, Challenge of Nation Building-1, India's internal challenges, Economic Development, Education, Empowerment of Women and other Weaker Sections, Science and Technology, Industry and Trade, Changing Life-1, Changing Life-2.</p> <p>Civics: Post World War Era and India's Foreign Policy, India's Defence System, The United Nations, India and Other Countries, International Problems</p> <p>Geography: Endogenic Movements, Exogenetic Processes Part I, Exogenetic Processes Part II, Precipitation, The Properties of Sea Water, International Date Line, Introduction to Economics and Trade, Urbanisation, Transport & Communication, Tourism</p>