

**BIOLOGY**

<b>Biology-1</b>	Life Process - Nutrition, Life Process - Respiration, Life Process - Transportation, Life Process - Excretion, Control and Coordination, Reproduction in Plants and Animals, Heredity and Evolution, Our Environment, Management of Natural Resources.
<b>Biology-2</b>	Cell, Tissue, Improvement in Food Resources, Diversity in Living Organisms, Why do we fall ill?

**PHYSICS**

<b>Physics-1</b>	Electricity and Chemical Effects of Current, Magnetic Effects of Electric Current, Light, Sources of Energy, Heat, Miscellaneous.
<b>Physics-2</b>	Motion, Force and NLM, Gravitation, Thrust and Pressure; Work, Energy, Power; Waves and Sound.

**CHEMISTRY**

<b>Chemistry-1</b>	Chemical Reactions & Equations, Acids, Bases & Salts, Metals & Non-metals, Carbon and its Compounds, Periodic Classification of Elements
<b>Chemistry-2</b>	Matter in our surroundings, Is matter around us pure, Atoms and molecules, Structure of atom

**MATHEMATICS**

<b>Mathematics-1</b>	Linear Equations in Two Variables, Number System, Surds and Indices, Polynomials, Quadratic Equations, Arithmetic Progression, Coordinate Geometry, Trigonometry and Its Applications, Triangles, 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.
<b>Mathematics-2</b>	Every Day Mathematics: Percentage, Profit, Loss and Discount, Partnership, Mixtures and Alligations, Simple and Compound Interest, Ratio and Proportion, Time, Speed and Distance, Unitary Method, Time and Work, Pipes and Cisterns, Problems on Ages.

**MENTAL ABILITY**

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

**SOCIAL SCIENCE**

<b>SST-1</b>	<b>History</b> : Rise of British Rule in India, First World War and Russian Revolution, Movement towards a New World, National Movements in India, Movement towards Independence, World after 1945, Post Independence India <b>Civics</b> : Framing of the Constitution and its Features, Fundamental Rights, Fundamental Duties and Directive Principles of State Policy, Organs of Government, Indian Judiciary, Indian Democracy <b>Geography</b> : India- Location, Geological Structure and Physiography-I, India- Location, Geological Structure and Physiography-II, Drainage System, Climate, Natural Vegetation, Wildlife, India:Human Life Style, Disaster Management.
<b>SST-2</b>	<b>History</b> : Heritage of India, Cultural Heritage of India: Traditional Handicraft and Fine Arts, Cultural Heritage of India: Sculpture and Architecture, Literary Heritage of India, India's Heritage of Science & Technology, Places of Indian Cultural Heritage, Preservation of Our Heritage <b>Geography</b> : Natural Resources, Forests and Wildlife Resources, India: Agriculture, India: Water Resources, India: Mineral & Energy Resources, Manufacturing Industries, Transportation, Communication & Trade. <b>Economics</b> : Economic Development, Economic Liberalisation and Globalisation, Economic problems and Challenges: Poverty and Unemployment, Price Rise and Consumer Awareness, Human Development, Social Problems of India and Challenges, Social Change.