

**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, 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.
<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>	<p><b>History</b> : The Advent of Europeans to India, The Extension of the British Rule, Impact of British Rule in India, Opposition to British Rule in Karnataka, Social and religious reforms, The First War of Indian Independence (1857 A.D), The Freedom struggle, Era of Gandhi and National Movement , India after Independence, The Political Dimensions of the 20th Century.</p> <p><b>Civics</b>: Problems of India and their remedies, Foreign policy of India, India's Relationship with other countries, World problems and India's role, World Organisations.</p> <p><b>Sociology</b>: Social Stratification, Labour, Social Movement, Social Problems.</p> <p><b>Geography</b> : India: Our Motherland, Physical features of India, Indian Monsoon-Seasons and their features, Soils of India, Forests of India, Water Resources, Land use and Agriculture in India, Mineral &amp; Power Resources, Transport system of India and Communication, Major industries of India,, Natural Disasters, Population of India.</p> <p><b>Economics</b>: Development, Rural Development, Money and Credit, Public Finance and Budget.</p> <p><b>Business Studies</b>: Bank Transactions, Entrepreneurship, Globalisation of Business, Consumer Education and Protection</p>
<b>SST-2</b>	<p><b>History</b> : Christianity and Islam, Medieval India and Political Transition, Religious reformers of India, Vijaynagar and Bahamani Kingdoms, The Moghuls and the Marathas, Bhakti Panth, Europe in the middle ages , Modern Europe, Revolution and Rise of Nation States.</p> <p><b>Civics</b>: Making of the Indian Constitution, The Union Government, State Government, Judicial system, Indian Election System, Defence of the Nation, National Integration</p> <p><b>Sociology</b> : Family, Socialisation, Social Change, Community</p> <p><b>Geography</b> : Our state-Karnataka, Physiographic Divisions, Climate, Soil, Natural Vegetation and Animals of Karnataka, Water Resources Of Karnataka, Land resources of Karnataka, Mineral Resources, Transport, Industries of Karnataka, Major Tourist Centers of Karnataka, Population of Karnataka</p> <p><b>Economics</b>: Labour and Employment, Natural Resources, Human Resources of India, Poverty and Hunger</p> <p><b>Business Studies</b> : Management of Business, Financial Management, Accounting in Business</p>