



Stream SA Syllabus

The syllabus of KVPY exam for Stream SA covers all the topics & chapters of Class X & XI. The syllabus of Stream A is given here:

Physics:

Magnetic Effects of Current, Sources of Energy, Reflection, Refraction, Electromagnetic Induction, Applications in Daily Life, Kinematics, Laws of Motion, Work, Energy and Power, Physical World and Measurement, Gravitation, Thermodynamics.

Chemistry:

Chemical Reactions, Metals and Non-Metals, Periodic Classification of Elements, Carbon Compounds, Acids, Bases and Salts, Basic Concepts of Chemistry, Thermodynamics, States of Matter: Gases and Liquids, Classification of Elements & Periodicity in Properties, Environmental Chemistry.

Biology:

Control and Coordination in Animals and Plants, Heredity and Evolution, Reproduction, Life Processes, Our environment, Plant Physiology, Diversity of Living Organisms, Cell: Structure and Function, Human Physiology.

Mathematics:

Real Number, Polynomials, Geometry, Introduction to Trigonometry, Statistics, Quadratic Equations, Probability, Surface Areas & Volumes, Coordinate Geometry, Mathematical Reasoning, Statistics and Probability, Trigonometric Functions.