|  |  |  |
| --- | --- | --- |
| Mathematics  Sets, Relations And Functions, Complex Numbers And Quadratic Equations Matrices And Determinants Permutations And Combinations Mathematical Induction Binomial Theorem And Its Simple Applications Sequences And Series Limit, Continuity And Differentiability Integral Calculus Differential Equations Coordinate Geometry Three Dimensional Geometry Vector Algebra Statistics And Probability Trigonometry Mathematical Reasoning | Physics  Physics And Measurement Kinematics Laws Of Motion Work, Energy And Power Rotational Motion Gravitation Properties Of Solids And Liquids Thermodynamics Kinetic Theory Of Gases Oscillations And Waves Electrostatics Current Electricity Magnetic Effects Of Current And Magnetism Electromagnetic Induction And Alternating Currents Electromagnetic Waves Dual Nature Of Matter And Radiation Atoms And Nuclei Communication Systems Experimental Skills | Chemistry  ***Physical Chemistry*** Some Basic Concepts In Chemistry States Of Matter Atomic Structure Chemical Bonding And Molecular Structure Chemical Thermodynamics Solutions Equilibrium Redox Reactions And Electrochemistry Chemical Kinetics Surface Chemistry  ***Inorganic Chemistry*** Classification Of Elements Unit 11: Classification Of Elements And Periodicity In Properties General Principles And Processes Of Isolation Of Metals Hydrogen S – Block Elements (Alkali And Alkaline Earth Metals) P – Block Elements D – And F – Block Elements Co-Ordination Compounds Environmental Chemistry  ***Organic Chemistry*** Purification And Unit 19: Purification And Characterisation Of Organic Compounds Some Basic Principles Of Organic Chemistry Hydrocarbons Organic Compounds Containing Halogens Organic Compounds Containing Oxygen Organic Compounds Containing Nitrogen Polymers Biomolecules Chemistry In Everyday Life Principles Related To Practical Chemistry |