|  |  |
| --- | --- |
| **Gujarat Board 11th Syllabus: Maths Semester 1st** | |
| Chapter No. | Chapter Names |
| 1 | Mathematical Reasoning |
| 2 | Set Theory |
| 3 | Relations and Functions |
| 4 | Trigonometric Functions |
| 5 | Special Values and Graphs of Trigonometric Functions |
| 6 | Straight Lines |
| 7 | Permutations and Combinations |
| 8 | Linear Inequalities |
| 9 | Dispersion |
| 10 | Probability |
| **Gujarat Board 11th Syllabus: Maths Semester 2nd** | |
| Chapter No. | Chapter Names |
| 1 | Principle of Mathematical Induction |
| 2 | Complex Numbers |
| 3 | Binomial Theorem |
| 4 | Addition and Factor Formulae |
| 5 | Values of Trigonometric Functions For Multiples and Submultiples |
| 6 | Trigonometric Equations and Properties of a Triangle |
| 7 | Sequences and Series |
| 8 | Conics |
| 9 | Three Dimensional Geometry |
| 10 | Limits |
| 11 | Derivative |

|  |  |
| --- | --- |
| **Gujarat Board 11th Syllabus: Physics Semester 1st** | |
| Chapter No. | Chapter Names |
| 1 | Physical World |
| 2 | Measurement and System of Units |
| 3 | Motion in a Straight Line |
| 4 | Motion In a Plane |
| 5 | Laws of Motion |
| 6 | Work, Energy, and Power |
| 7 | Heat Transfer |
| 8 | Kinetic Theory of Gases |
| **Gujarat Board 11th Syllabus: Physics Semester 2nd** | |
| Chapter No. | Chapter Names |
| 1 | Dynamics of a System of Particles |
| 2 | Rotational Motion |
| 3 | Gravitation |
| 4 | Mechanical Properties of Solids |
| 5 | Fluid Mechanics |
| 6 | Thermodynamics |
| 7 | Oscillations |
| 8 | Waves |

|  |  |
| --- | --- |
| **Gujarat Board 11th Syllabus: Chemistry Semester 1st** | |
| Chapter No. | Chapter Names |
| 1 | Basic Concepts of Chemistry |
| 2 | Structure of Atom |
| 3 | Classification of Elements and Periodicity in Properties |
| 4 | Redox Reactions |
| 5 | Hydrogen |
| 6 | The s- Block Elements (Alkali and Alkaline Earth Elements) |
| 7 | Basic Principles of Organic Chemistry |
| **Gujarat Board 11th Syllabus: Chemistry Semester 2nd** | |
| Chapter No. | Chapter Names |
| 1 | Chemical Bonding and Molecular Structure |
| 2 | States of Matter- Gas, and Liquid |
| 3 | Thermodynamics |
| 4 | Equilibrium |
| 5 | Some p-Block Elements-I |
| 6 | Hydrocarbons |
| 7 | Environmental Chemistry |

|  |  |
| --- | --- |
| **GSEB 11 Biology Semester 1st** | |
| Chapter No. | Chapter Names |
| 1 | Classification of Living Organisms |
| 2 | Taxonomical Aids |
| 3 | Classification of Plant Kingdom |
| 4 | Classification of Animal Kingdom |
| 5 | Cell Structure |
| 6 | Biomolecules-I (Carbohydrates and Lipids) |
| 7 | Biomolecules-II (Proteins, Nucleic Acids, and Enzymes) |
| 8 | Cell Cycles and Cell Divisions |
| 9 | Animal Husbandry and Plant Breeding |
| 10 | Human Health and Diseases (Immunity, Vaccination, Cancer, Aids) |
| 11 | Microbes and Human Welfare |
| **GSEB 11 Biology Semester 2nd** | |
| Chapter No. | Chapter Names |
| 1 | Plant Morphology -1 (Root, Stem, and Leaf) |
| 2 | Plant Morphology -2 (Flower, Fruit, Seed, and Family) |
| 3 | Anatomy of Flowering Plants |
| 4 | Animal Tissue |
| 5 | Animal Morphology and Anatomy-I |
| 6 | Animal Morphology and Anatomy-II |