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KLEEE Syllabus

Mathematics

- Unit 1: Sets, Relations, And Functions
- Unit 2: Complex Numbers And Quadratic Equations
- Unit 3: Matrices And Determinants
- Unit 4: Permutations And Combinations
- Unit 5: Mathematical Inductions
- Unit 6: Binomial Theorem And Its Simple Applications
- Unit 7: Sequence And Series
- Unit 8: Limit, Continuity, And Differentiability
- Unit 9: Integral Calculas
- Unit 10: Diffrential Equations
- Unit 11: Co-ordinate Geometry
- Unit 12: Three-Dimensional Geometry
- Unit 13: Vector Algebra
- Unit 14: Statistics And Probability
- Unit 15: Trigonometry
- Unit 16: Mathematical Reasoning

Physics

- Unit 1: Physics And Measurement
- Unit 2: Kinematics
- Unit 3: Laws Of Motion
- Unit 4: Work, Energy, And Power
- Unit 5: Rotational Motion
- Unit 6: Gravitation

- Unit 7: Properties Of Solids And Liquids
- Unit 8: Thermodynamics
- Unit 9: Kinetictheoryofgases
- Unit 10: Oscillations And Waves
- Unit 11: Electrostatics
- Unit 12: Current Electricity
- Unit 13: Magnetic Effects Of Current And Magnetism
- Unit 14: Electromagnetic Induction And Alternating Currents
- Unit 15: Electromagnetic Waves
- Unit 16: Optics
- Unit 17: Dual Nature Of Matter And Radiation
- Unit 18: Atoms And Nuclei
- Unit 19: Electronic Devices
- Unit 20: Communication Systems

Chemistry

Section A | Physical Chemistry

- Unit I: Some Basic Concepts In Chemistry
- Unit 2: States Of Matter
- Unit 3: Atomic Structure
- Unit 4: Chemical Bonding And Molecular Structure
- Unit 5: Chemical Thermodynamics
- Unit 6: Solutions
- Unit 7: Equilibrium
- Unit 8: Redox Reactions And Electrochemistry
- Unit 9: Chemical Kinetics
- Unit 10: Surface Chemistry

Section B | Inorganic Chemistry

- Unit 11: Classification Of Elements And Periodicity In Properties
- Unit 12: General Principles And Processes Of Isolation Of Metals
- Unit 13: Hydrogen
- Unit 14: S -block Elements (Alkali And Alkaline Earth Metals)
- Unit 15: P- Block Elements
- Unit 16: D – And F- Block Elements
- Unit 17: Co-ordination Compounds
- Unit 18: Environmental Chemistry

Section C | Organic Chemistry

- Unit 19: Purification And Characterisation Of Organic Compounds
- Unit 20: Some Basic Principles Of Organic Chemistry
- Units 21: Hydrocarbons
- Unit 22: Organic Compounds Containing Halogens
- Unit 23: Organic Compounds Containing Oxygen
- Unit 24: Organic Compounds Containing Nitrogen
- Unit 25: Polymers
- Unit 26: Biomolecules
- Unit 27: Chemistry In Everyday Life
- Unit 28: Principles Related To Practical Chemistry