

GYANJYOTI PUBLIC SCHOOL

Affiliated to CBSE, NEW DELHI (10+2)

SYLLABUS FOR STD XI, 2024-25

CHEMISTRY

PERIODIC TEST I:

Unit I: Some basic concepts of chemistry

Unit II: Structure of atom,

HALF-YEARLY:

Unit III: Classification of elements and periodicity in properties,

Unit IV: Chemical bonding and Molecular structure,

Unit XII: Organic chemistry- Some basic principles and techniques

PRACTICAL:

Basic laboratory techniques,

Determination of one anion and one cation in a given salt,

Characterization and purification of chemical substances

PERIODIC TEST II:

Unit VIII: Redox Reactions,

Unit III: Classification of elements and periodicity in properties

YEARLY:

Unit VI: Chemical Thermodynamics,

Unit VII: Equilibrium,

Unit XIII: Classification of Hydrocarbons and Syllabus of periodic test I, Half-yearly, Periodic test II also

PRACTICAL:

Experiments based on pH,

Chemical Equilibrium, Detection of nitrogen, chlorine in organic compounds, Quantitative estimation