

Core paper 1	
CO1	To know about the structure of atom, de-Broglies equation etc.
CO2	To know about modern periodic law, different blocks of elements etc.
CO3	To know about different types of chemical bonding, polarization, hybridization etc.
CO4	To know about redox reactions, metallic bonding etc.
Core Paper -2	
CO1	To know about gaseous state, kinetic molecular theory, law of corresponding states etc.
CO2	To know about liquid state, it's structure, classes etc.
CO3	To know about solid state of matter, Bragg's law etc.
CO4	To Know about hydrolysis of salt, hydrolysis constant, buffer solution, common ion effect etc.
Core Paper-5	
CO1	To know about S&P block elements. Inert pair effect, anomalous behaviour etc.
CO2	To study about S&P block elements 2and their properties.
CO3	To know about Inert gases, clathrates, structure of Inert gas compounds.
CO4	To know about inorganic polymers
Core Paper-6	
CO1	To know about haloalkanes and haloarenes, organometallic compound and synthetic applications
CO2	To Study about alcohols, phenols, ethers, preparations, properties
CO3	To study about preparations and properties of aldehydes and ketones, Reactions and mechanism.
CO4	To Study carboxylic acids, their derivatives preparation, properties.
Core Paper7	
CO1	To study about Gibbs phase rule, phase diagrams of one components and two components system
CO2	To study about three components
CO3	To Study about chemical kinetics
CO4	To study about catalysis and derivation of mathematical equation.
Core Paper 11	
CO1	To study about co-ordination compounds
CO2	To study about transition elements 1
CO3	To Study about transition elements2&3
CO4	To study about bio inorganic chemistry
Core Paper12	
CO1	To study about quantum chemistry
CO2	To study about chemical bonding
CO3	To study about molecular spectroscopy 1
CO4	To study about molecular spectroscopy 2&photochemistry
Core Paper-13	
CO1	To study about u.v.spectroscopy
CO2	To study about I.r.spectroscopy
CO3	To study about nmr spectroscopy
CO4	To study about mass spectroscopy and carbohydrates
Core Paper14	

CO1	To study about classification of polymers
CO2	To study kinetics and mechanism of polymer reactions
CO3	To study about glass transition temperature
CO4	To study about commercial polymers

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