

# BPTPIA CET Syllabus

Chemistry	Physics	Mathematics
General Organic Chemistry	Electrostatics	Sets, Relations and Functions
Alcohol Phenol Ether	Thermodynamics	Complex Numbers and Quardatic Equations
Redox reactions	Wave Motion	Matrices and Determinants
Chemical Bonding	Rotational Motion	Permutations and Combinations
Coordination Compound	Laws of Motion	Mathematical Induction
P--block elements	Ray Optics	Binomial Theorem and its simple applications
S-block elements	Magnetic effect of current and Magnetism	Sequences and Series
Aldehyde & Ketones	Simple Harmonic Motion	Limit, Continuity and Differentiability
Solutions	Wave optics	Integral Calculus
Solid State	Units Dimension Errors	Differential Equations
Chemical Thermodynamics	Work Energy Power	Co-Ordinate Geometry

Ionic Equilibrium	Modern Physics	Three Dimensional Geometry
Chemical Equilibrium	Current Electricity	Vector Algebra
Surface chemistry	Electromagnetic Induction	Statistics and Probability
Atomic Structure	Physics of Nucleus	Trigonometry – 02
Gaseous State	Fluids	Mathematical Reasoning
Transition Elements	Gravitation	--
Polymers	Elasticity	--
Nuclear Chemistry	Solids and Semiconductor Devices	--
Chemical Kinetics	Center of Mass, Impulse and Momentum	--
Mole Concepts	Kinetic Theory of Gases	--
Amines and Diazonium Salts	Radioactivity	--
Biomolecules	Alternating Current	--
Alkanes, Alkenes & Alkynes	EM waves	--
Electrochemistry	--	--