

Careers Pages

We Understand Your Career World

Syllabus of the BPTPIA CET Exam

Chemistry

- Coordination Compound
- P--block elements
- S-block elements
- Aldehyde & Ketones
- Solutions
- General Organic Chemistry
- Alcohol Phenol Ether
- Redox reactions
- Chemical Bonding
- Atomic Structure
- Mole Concepts
- Solid State
- Chemical Thermodynamics
- Gaseous State
- Transition Elements
- Polymers
- Nuclear Chemistry
- Chemical Kinetics
- Ionic Equilibrium
- Chemical Equilibrium
- Surface chemistry
- Amines and Diazonium Salts
- Electrochemistry
- Biomolecules
- Alkanes, Alkenes & Alkynes

Mathematics

- Permutations and Combinations
- Mathematical Induction
- Binomial Theorem and its simple applications
- Sets, Relations and Functions
- Vector Algebra

- Statistics and Probability
- Trigonometry – 02
- Complex Numbers and Quadratic Equations

- Matrices and Determinants
- Co-Ordinate Geometry

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- Three Dimensional Geometry
- Mathematical Reasoning
- Sequences and Series
- Limit, Continuity and Differentiability
- Integral Calculus
- Differential Equations

Physics

- Laws of Motion
- Ray Optics
- Magnetic effect of current and Magnetism
- Simple Harmonic Motion
- Wave Optics
- Electrostatics
- Thermodynamics
- Elasticity
- Solids and Semiconductor Devices

- Center of Mass, Impulse and Momentum
- Units Dimension Errors
- Work Energy Power
- Modern Physics
- Wave Motion
- Rotational Motion
- Physics of Nucleus
- Fluids
- Gravitation
- Current Electricity
- Electromagnetic Induction
- Alternating Current

- EM waves
- Kinetic Theory of Gases

- Radioactivity