

SAFE HANDS & IIT-ian's PACE

FINAL LEAP 2023 (JEE)

DATE	DAY	TEST	PHY	CHEM	MATHS
Syllabus for JEE PCT					
21-Mar-23	Tue	PCT-01 (JEE)	Physical world, Units and measurements, Motion along the line, Motion in a Plane (Projectile motion + Circular motion) Laws of Motion + problems on friction & pulley, Work, Energy & Power, System of Particles including Centre of Mass and Impulse + momentum, Rotational Motion, Gravitation	Some Basic Concepts of Chemistry, States of Matter: Gases and Liquids, Chemical Thermodynamics, Equilibrium, Solid State, Solutions	Trigo identities, trigo function , SOT, ITF, Straight line ,POS, Circle, Parabola, Conic section, QE
25-Mar-23	Sat	PCT-02 (JEE)	Mechanical properties of Solids, Surface tension, Mechanical properties of Fluids excluding Surface tension, Thermal properties of matter, Thermodynamics, Kinetic Theory, SHM + Syllabus of PCT-01	Structure of Atom, Redox Reaction, Electrochemistry, Chemical Kinetics, Surface Chemistry, General Principles and Process of Isolation of Elements + Syllabus of PCT-01	Complex no, Seq and series, mathematical resoning, Binomial, P and C, probability, LCD + Syllabus of PCT 1
28-Mar-23	Tue	PCT-03 (JEE)	Waves, Electric Charges & Field, Electrostatic Potential and Capacitance, Current Electricity, Moving charges and Magnetism, Electromagnetic Induction, Electromagnetic Waves	Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, Hydrogen, s-Block elements, p-Block elements, Environmental Chemistry, p-Block elements, d-Block elements and f-Block elements, Coordination Compounds	Derivative,AOD, AOD, Indefinite integral, Definite integral, AUC, definite, indefinite
30-Apr-23	Thu	PCT-04 (JEE)	Ray Optics and Optical Instruments, Wave Optics, Magnetism & Matter, Dual Nature of Radiation & Matter, Alternating current, Atoms, Nuclei, Semi – Conductor Electronics including elementary ideas about IC, Communication system + Syllabus of PCT-03	Organic Chemistry: Some Basic Principles and Techniques, Hydrocarbons, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acid, Organic Compounds containg Nitrogen, Biomolecules, Polymers, Chemistry in Everyday Life + Syllabus of PCT-03	Diff eq, Vector, 3D, Line,plane, Determinant, matrices, Statastics,probabity, mathematical resoning + Syllabus of PCT 3