



Test schedule for IIT 2018 (Old) Batch – July 2017

Exam Date	Subject	Pattern & Duration
23.07.17 Sunday	Physics (Test 10) : Capacitors and Electric Current.	Paper I* : 60 Min
	Gravitation and Electrostatics.	Paper II** : 90 Min
30.07.17 Sunday	Chemistry (Test 10) : Solid State, Surface chemistry, Nitrogen Containing Compound, Carbohydrates, Amino Acids, peptides & Polymers and Co-ordination compounds.	Paper I : 60 Min
	Chemical Thermodynamics & Energetics and Alcohol, Ethers & Phenols.	Paper II : 90 Min
		Std. XII (Subjective) : 60 Min
06.08.17 Sunday	Mathematics (Test 10) : Parabola, Vectors and 3-D Geometry.	Paper I : 60 Min
	Pair of straight lines and Differentiation.	Paper II : 90 Min
		Std. XII (Subjective) : 60 Min
13.08.17 Sunday	PCM : Units & Dimensions, Error Analysis, Significant digits, Vectors & Trigonometry, Calculus, Kinematics, Constraints and N.L.M & Friction, Circular motion, Work, power, Energy, Collision & Momentum, Center of Mass, Statics, Rotational Mechanics, Gravitation, SHM, Sound & Waves, Electrostatics, Ray Optics, Thermal Physics I, Thermal Physics II, Wave Optics, Properties of Matter + Fluid Mechanics, Properties of matter + Fluid Mechanics, Modern physics, Capacitors and Electric Current. ; Redox Reaction, Stoichiometry, Gas Laws, Chemical Equilibrium, Ionic Equilibrium, Hydrogen & Its compound, s-block Elements, p-block (group 13 & 14) , Salt Analysis, Thermodynamics & Thermochemistry, Solution & Colligative Properties, Volumetric titration, Electrochemistry, Chemical Kinetics, Nuclear chemistry, Atomic Structure, Periodic Properties, Chemical Bonding, Nomenclature, Isomerism, GOC, Reaction Mechanism, Hydrocarbon, Aromatic compounds, , Halogen Derivatives, Alcohols, Ethers & Phenols, Aldehydes & ketones, carboxylic Acids & its Derivatives, Solid State, Surface chemistry, Nitrogen Containing Compound, Carbohydrates, Amino Acids, peptides & Polymers and Co-ordination compounds. ; Trigonometric Identities, Basic Co-ordinate Geometry, Locus, Straight Line, Functions, Trigonometric Equations & inverse Trigonometry, Properties of Triangles, Limits, Continuity & differentiability, Derivatives, Application of Derivatives, Definite Integration & Area under curves, Logarithms, Quadratic Equation & Expressions, Complex Numbers (except Geometric interpretation), Sequence & Series, Determinants & Matrices, Indefinite integration, Permutation & Combinations, Differential Equations, Parabola, Vector and 3-D Geometry.	JEE Main FLT-10
20.08.17 Sunday	Same syllabus as JEE Main	JEE Advanced (FLT 12)

* **Pattern of Paper 1** - 40-50 Questions

** **Pattern of paper 2** - 8 Single, 8 Multiple, 8 Integer, 2 Paragraph 2 questions each, 2 Matrix Match (Total 30 questions)

Note: Test timings will be announced later in the class.

