



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

Exam Date	Subject	Pattern & Duration
11.06.17 Sunday	Physics (Test 9) : Electrostatics, Properties of matter + Fluid Mechanics and Modern physics.	Paper I* : 60 Min
	Circular Motion and Wave Theory of light.	Paper II** : 90 Min
18.06.17 Sunday	Chemistry (Test 9) : Chemical Kinetics, Nuclear chemistry, Aldehydes & ketones and carboxylic Acids & its Derivatives.	Paper I : 60 Min
	Solution & Colligative Properties and Halogen Derivatives of Alkanes.	Paper II : 90 Min
25.06.17 Sunday	Mathematics (Test 9) : Definite Integration & Area under curves and Differential Equations.	Std. XII (Subjective) : 60 Min
	Matrices and Continuity.	Paper I : 60 Min
02.07.17 Sunday	Mathematics (Test 9) : Definite Integration & Area under curves and Differential Equations.	Paper II : 90 Min
	Matrices and Continuity.	Std. XII (Subjective) : 60 Min
02.07.17 Sunday	<p>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, Sound & Waves, SHM, Ray Optics, Thermal Physics I, Thermal Physics II, Wave Optics, Properties of Matter + Fluid Mechanics, Electrostatics, Properties of matter + Fluid Mechanics and Modern physics ; 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, Atomic Structure, Periodic Properties, Chemical Bonding, Nomenclature, Isomerism, GOC, Reaction Mechanism, Hydrocarbon, Aromatic compounds, , Halogen Derivatives, Alcohols, Ethers & Phenols, Chemical Kinetics, Nuclear chemistry, Aldehydes & ketones and carboxylic Acids & its Derivatives.; Trigonometric Identities, Basic Co-ordinate Geometry, Locus, Straight Line, Functions, Trigonometric Equations & inverse Trigonometry, Properties of Triangles, Limits, Continuity & differentiability, Derivatives, Application of Derivatives, Logarithms, Quadratic Equation & Expressions, Complex Numbers (except Geometric interpretation), Sequence & Series, Determinants & Matrices, Indefinite integration, Permutation & Combinations, Definite Integration & Area under curves and Differential Equations.</p>	JEE Main FLT-10
09.07.17 Sunday	Same syllabus as JEE Main	JEE Advanced (FLT 11) : Time – 6 Hrs. (2 Papers, 3 Hrs. each)

* **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.

