



Expert Institute for IIT-JEE & NEET

**SCHEDULE & SYLLABUS OF ATP ONLINE TEST SERIES (AOTS)
JEE-Main & Advanced Target - 2021**

Available from	JEE Main	JEE-Advanced	Mathematics	Physics	Physical Chemistry	Organic Chemistry	Inorganic Chemistry
19-07-2020	Part Test - 1	Part Test - 1	Quadratic Equation Compound angles Set, Relation & Function inverse trigonometric function Limit continuity & derivability	Kinematics Newtons laws of motion Friction, Work power energy Electrostatics Gravitation	Mole Concept (Excluding redox) Atomic Structure	IUPAC Isomerism GOC (General organic chem)	Periodic properties chemical bonding
02-08-2020	Part Test - 2	Part Test - 2	Binomial Theorem Sequence & progression Method of differentiation Indefinite integration definite integration	Circular motion Centre of mass Collision Rotational mechanics Current Electricity Capacitors	Thermodynamics Solid State Thermochemistry	Hydrocarbons (Alkane, Alkene, Alkynes) Halogen derivatives Alcohol & Ethers	Boron & Carbon Family Coordination compound
23-08-2020	Part Test - 3	Part Test - 3	Trigonometric equation & inequations, Solution of triangle, Application of derivative, Differential equation, Area under the curve	Mechanical Properties of Matter Fluid Mechanics Simple Harmonic Motion Magnetic effect of current & Magnetism Electromagnetic Induction(EMI) AC	Ionic Equilibrium Chemical Equilibrium Liquid Solution	Named Reaction Organic Compound containing oxygen	Hydrogen s-block p-block
13-09-2020	Part Test - 4	Part Test - 4	Straight line Circle, Matrix & Determinant Vector & 3D Mathematical Reasoning Statistics, Height & distance	Mechanical waves Ray optics & Optical Instruments Wave Optics (nature of light, Interference, Diffraction & polarisation)	Electrochemistry Redox and equivalent concept, Gaseous State	Organic Compound containing nitrogen Aromatic Reactions	D & F-block Metallurgy

04-10-2020	Part Test - 5	Part Test - 5	Permutation & combination Probability conic Section Complex Number	Thermodynamics & KTG Heat Transfer Thermal Expansion EM Waves Modern Physics Error & Measurement Electronics and communication	Surface Chemistry Nuclear Chemistry Chemical Kinetics	Biomolecules Polymers chemistry in every day life Practical Organic Chemistry	Qualitative (Salt) analysis Environmental Chemistry Chemical Bonding
25-10-2020	Full Test - 1	Full Test - 1	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
15-11-2020	Full Test - 2		Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
06-12-2020	Full Test - 3	Full Test - 2	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
27-12-2020	Full Test - 4		Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
07-02-2021	Full Test - 5	Full Test - 3	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
21-02-2021	Full Test - 6		Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
07-03-2021	Full Test - 7	Full Test - 4	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
21-03-2021	Full Test - 8		Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
25-04-2021		Full Test - 6(2 Papers)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
02-05-2021		Full Test - 7(2 Papers)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
09-05-2021		Full Test - 8(2 Papers)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus