

## [CODE: OB 01] Target (JEE Mains + Advanced) 2018

Test No.	Test Pattern	Physics	Chemistry	Maths
PT-01 (NOV.)	MAINS	Basic Mathematics, Vectors, Unit, Dimension & Measurement, Electrostatics, Kinematics, Current electricity	Mole Concept, Atomic Structure, Periodic Properties, Chemical Bonding, Thermodynamics and Thermochemistry IUPAC Organic, Nomenclature, Acid – Base Concept	Basic Mathematics, Trigonometric Ratios and Identities, Matrices & Determinants, Quadratic Equation, Trigonometric Equations, Algebraic Inequalities
PT-02 (NOV.)	ADVANCED (ONE PAPER)	Basic Mathematics, Vectors, Unit, Dimension & Measurement, Electrostatics, Kinematics, Current electricity, Law of motion & Friction, Capacitors	Mole Concept, Atomic Structure, Periodic Properties, Chemical Bonding, Thermodynamics and Thermochemistry IUPAC Organic, Nomenclature, GOC, Isomerism	Basic Mathematics, Trigonometric Ratios and Identities, Matrices & Determinants, Quadratic Equation, Trigonometric Equations, Algebraic Inequalities
PT-03 (NOV.)	MAINS	Law Of Motion & Friction, Capacitors, Work, Energy & Power Magnetic effect of current, Magnetism and Matter, Centre of mass & collision, Electromagnetic Induction (EMI)	Redox and Equivalent Concept, State of Matter, Solid State, GOC, Isomerism, Hydrogen and s-Block Elements	Graph, Functions, Height and Distance, Limit, Straight Line
PT-04 (NOV.)	ADVANCED (ONE PAPER)	Law Of Motion & Friction, Capacitors, Work, Energy & Power Magnetic effect of current, Magnetism and Matter, Centre of mass & collision, Electromagnetic Induction (EMI), Rotational Motion, Alternating Current (AC)	Mole Concept, Atomic Structure, Periodic Properties, Chemical Bonding, Thermodynamics and Thermochemistry IUPAC Organic, Nomenclature, Redox and Equivalent Concept, State of Matter, Solid State, GOC, Isomerism, Hydrogen and s-Block Elements	Basic Mathematics, Trigonometric Ratios and Identities, Matrices & Determinants, Quadratic Equation, Trigonometric Equations, Algebraic Inequalities, Graph, Functions, Height and Distance, Limit, Straight Line
PT-05 (DEC.)	MAINS	Rotational Motion, Alternating Current (AC), Thermal Physics (Thermal expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Ray Optics & Optical Instrument	Equilibrium (Chemical + Ionic), Reaction Mechanism Hydrocarbon and Benzene, d-and f-Block elements Co-ordination Compound	Continuity, Differentiability, Differentiation, Circle
PT-06 (DEC.)	ADVANCED (ONE PAPER)	Rotational Motion, Alternating Current (AC), Thermal Physics (Thermal expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Ray Optics & Optical Instrument, Properties of Matter & Fluid Mechanics, Gravitation	Equilibrium (Chemical + Ionic), Reaction Mechanism Hydrocarbon and Benzene, d-and f-Block elements Co-ordination Compound, Alkyl Halide and Halo Arenes, Alcohol	Continuity, Differentiability, Differentiation, Circle, Application of Derivatives, Indefinite Integral, Sequence and Series, Binomial Theorem, Permutation and Combination, Solution of Triangle
PT-07 (DEC.)	MAINS	Properties of Matter & Fluid Mechanics, Gravitation, Wave Optics (Nature of Light, Interference, Diffraction & Polarisation), Electromagnetic Waves	Electro Chemistry, Chemical Kinetics, Nuclear Chemistry Alkyl Halide and Halo Arenes, Alcohol, Boran, Carbon Family p-Block Elements	Application of Derivatives, Indefinite Integral, Sequence and Series, Binomial Theorem, Permutation and Combination, Solution of Triangle
PT-08 (DEC.)	ADVANCED (ONE PAPER)	Thermal Physics (Thermal expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Ray Optics & Optical Instrument, Properties of Matter & Fluid Mechanics, Gravitation, Wave Optics (Nature of Light, Interference, Diffraction & Polarisation), Electromagnetic Waves	Equilibrium (Chemical + Ionic), Reaction Mechanism Hydrocarbon and Benzene, d-and f-Block elements Co-ordination Compound, Electro Chemistry, Chemical Kinetics, Nuclear Chemistry Alkyl Halide and Halo Arenes, Alcohol, Boran, Carbon Family p-Block Elements	Definite Integral and Area, Vectors, Three Dimensional Geometry, Parabola
PT-09 (JAN.)	MAINS	Simple Harmonic Motion (SHM), Modern Physics	Liquid Solution, Carbonyl Compound, Corbxylic Acid Amine, Surface Chemistry, Metallurgy	Definite Integral and Area, Vectors, Three Dimensional Geometry, Parabola
PT-10 (JAN.)	ADVANCED (ONE PAPER)	Kinematics, Current electricity, Law Of Motion & Friction, Capacitors, Work, Energy & Power Magnetic effect of current, Magnetism and Matter, Centre of mass & collision, Electromagnetic Induction (EMI), Rotational Motion, Alternating Current (AC), Thermal Physics (Thermal expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Ray Optics & Optical Instrument, Properties of Matter & Fluid Mechanics, Gravitation	Liquid Solution, Carbonyl Compound, Corbxylic Acid Amine, Surface Chemistry, Metallurgy, Bio Molecular, Hydrogen, s-Block, p-Block	Basic Mathematics, Trigonometric Ratios and Identities, Matrices & Determinants, Quadratic Equation, Trigonometric Equations, Algebraic Inequalities, Graph, Functions, Height and Distance, Limit, Straight Line, Continuity, Differentiability, Differentiation, Circle
PT-11 (JAN.)	MAINS	Waves (String & Sound Wave), Practical Physics, Electronics & Communication System	Bio Molecules, Polymer, Chemistry in Every Day Life Qualitative Analysis	Ellipse and Hyperbola, Complex No., Probability, Sets, Relations, Statistics, Mathematical Reasoning, Differential Equation, Inverse Trigonometric Function
PT-12 (JAN.)	ADVANCED (ONE PAPER)	Thermal Physics (Thermal expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Ray Optics & Optical Instrument, Properties of Matter & Fluid Mechanics, Gravitation, Wave Optics (Nature of	Bio Molecules, Polymer, Chemistry in Every Day Life Qualitative Analysis, Electro Chemistry, Chemical Kinetics, Nuclear Chemistry Alkyl Halide and Halo Arenes, Alcohol, Boran, Carbon Family p-Block	Application of Derivatives, Indefinite Integral, Sequence and Series, Binomial Theorem, Permutation and Combination, Solution of Triangle, Definite Integral and Area, Vectors, Three Dimensional Geometry, Parabola, Ellipse and Hyperbola, Complex No.,

		Light, Interference, Diffraction & Polarisation), Electromagnetic Waves, Simple Harmonic Motion (SHM), Modern Physics, Waves (String & Sound Wave), Practical Physics, Electronics & Communication System	Elements	Probability, Sets, Relations, Statistics, Mathematical Reasoning, Differential Equation, Inverse Trigonometric Function
FLT-13 (FEB.)	ADVANCED (TWO PAPER)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-14 (FEB.)	MAINS	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-15 (FEB.)	MAINS	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-16 (FEB.)	MAINS	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-17 (MAR.)	MAINS	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-18 (MAR.)	MAINS	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-19 (MAR.)	MAINS	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-20 (APR.)	ADVANCED (TWO PAPER)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-21 (APR.)	ADVANCED (TWO PAPER)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-22 (APR.)	ADVANCED (TWO PAPER)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-23 (MAY)	ADVANCED (TWO PAPER)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
FLT-24 (MAY)	ADVANCED (TWO PAPER)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS