

[For both English/Hindi Medium Students]

PHYSICS

Test No. Topic Covered

01	Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement
02	Kinematics (Motion along a straight line and Motion in a plane)
03	Laws of Motion and Friction
04	Syllabus of Test # 1, 2 & 3
05	Work, Energy & Power, Circular Motion
06	Conservation Laws-Collisions and Centre of Mass
07	Rotational Motion
08	Syllabus of Test # 5, 6 & 7
09	Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics)
10	Gravitation, Properties of matter and Fluid Mechanics
11	Oscillations (SHM, damped and forced oscillations & Resonance)
12	Wave Motion and Doppler's Effect
13	Syllabus of Test # 9, 10, 11 & 12
14	Full Syllabus
15	Full Syllabus
16	Full Syllabus
17	Full Syllabus

CHEMISTRY

Test No. Topic Covered

01	Mole Concept
02	Atomic structure
03	Periodic properties, Basic inorganic nomenclature.
04	Syllabus of Test # 1, 2 & 3
05	Chemical Bonding
06	Redox & equivalent concept, Chemical Equilibrium.
07	Organic nomenclature, Basic principles of practical organic chemistry, State of matter (gaseous state)
08	Syllabus of Test # 5, 6 & 7
09	Ionic Equilibrium, Acid Base theory, s-block elements & hydrogen, Boron & Carbon family.
10	GOC (application of electronic effect, aromaticity, application of Inductive, Resonance, Hyperconjugation effect on stability of intermediates)
11	GOC (acidic & basic strength), isomerism

(Geometrical & Structural).

12	Alkane, Alkenes & Alkynes, Chemical Thermodynamics & Thermochemistry, Aromatic hydrocarbon, environmental chemistry.
13	Syllabus of Test # 9, 10, 11 & 12
14	Full Syllabus
15	Full Syllabus
16	Full Syllabus
17	Full Syllabus

MATHEMATICS

Test No. Topic Covered

01	Trigonometric Ratios and Identities.
02	Quadratic Equations & Linear Inequalities
03	Trigonometric Equations, Height and Distance
04	Syllabus of Test # 1, 2 & 3
05	Point and Straight Line
06	Circle
07	Sequences and Series
08	Syllabus of Test # 5, 6 & 7
09	Permutation & Combination and Binomial Theorem,
10	Complex Numbers, Principle of Mathematical Induction
11	Parabola, Ellipse & Hyperbola
12	Functions, [Limits and Derivatives and Three Dimensional Geometry, Probability (All Elementary Level)], [Sets, Relation, Statistics, Mathematical Reasoning]
13	Syllabus of Test # 9, 10, 11 & 12
14	Full Syllabus
15	Full Syllabus
16	Full Syllabus
17	Full Syllabus

JEE (Main) Result 2018**AIR-3**Parth Laturia
Classroom