PHYSICS

Test No. Topic Covered
01 Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement
02 Kinematics
03 Laws of Motion and Friction
04 Syllabus of Test # 1, 2 & 3
05 Work, Energy & Power
06 Centre of Mass & Collisions
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 Simple Harmonic Motion
12 Waves(String & Sound waves)
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 **Logarithms, Trigonometric Ratios and Identities.
02 Quadratic Equations & *Linear Inequalities
03 Trigonometric Equations, **Solution of Triangles, *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

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.

*MARKED TOPIC / TOPICS ARE ONLY IN JEE-MAIN SYLLABUS,
**MARKED TOPIC / TOPICS ARE ONLY IN JEE-ADVANCED SYLLABUS

JEE (Advanced) Result 2018

AIR-9

Lay Jain
Classroom