

TEST SCHEDULE

Test No.	Test Date	Test Pattern	Test Timing	Mode of Test	Syllabus Covered
1	08/09/2020	JEE (Advanced)	Paper-I: 9 AM - 12 NOON	Online CBT	Full Syllabus
		ALL INDIA OPENTEST	Paper-II: 2:30 PM - 5:30 PM		
2	13/09/2020	JEE (Advanced)	Paper-I: 9 AM - 12 NOON	Online CBT	Full Syllabus
		ALL INDIA OPENTEST	Paper-II: 2:30 PM - 5:30 PM		
3	18/09/2020	JEE (Advanced)	Paper-I: 9 AM - 12 NOON	Online CBT	Full Syllabus
		ALL INDIA OPENTEST	Paper-II: 2:30 PM - 5:30 PM		
4	22/09/2020	JEE (Advanced)	Paper-I: 9 AM - 12 NOON	Online CBT	Full Syllabus
		ALL INDIA OPENTEST	Paper-II: 2:30 PM - 5:30 PM		

TEST SYLLABUS

PHYSICS

- Basic Mathematics used in Physics, Vectors, Units, Dimensions and Measurement, Electrostatics
- Kinematics, Current electricity
- Laws of Motion and Friction, Capacitors
- Work, Energy & Power, Magnetic effect of current
- Centre of Mass & Collisions, Electromagnetic Induction (EMI)
- Rotational Motion, Alternating current (AC)
- Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Ray optics and optical Instruments
- Properties of matter and Fluid Mechanics, Gravitation, Wave optics
- Simple Harmonic Motion, Modern Physics
- Waves (String & Sound waves), Practical Physics

CHEMISTRY

- Mole Concept, Atomic structure, Organic nomenclature, Basic principles of practical organic chemistry.
- Periodic properties, Basic inorganic nomenclature, Chemical thermodynamics & Thermochemistry
- GOC (complete)
- Chemical Bonding, Solid state, Chemical kinetics
- Isomerism, Chemical Equilibrium, State of matter (gaseous state), Redox & equivalent concept
- Ionic Equilibrium, Acid Base theory, Nuclear chemistry, Reaction intermediate.
- Co-ordination compound, s-block elements & hydrogen, Boron & Carbon family.
- Haloalkane, Aryl Halide (Substitution & Elimination), Electrochemistry & Solution, Ores & Metallurgy.
- Alkane, Alkenes & Alkynes, Aromatic hydrocarbon, Organic compounds containing oxygen & nitrogen, Qualitative analysis.
- Biomolecules (Carbohydrates, Amino Acid, Proteins), Polymer, Practical organic chemistry (Identification of elements & functional groups), Chemistry in everyday life, Environmental chemistry, Surface chemistry, d & f block element, p-block (nitrogen, oxygen, fluorine & noble gas) family.

MATHS

- **Logarithms, Trigonometric Ratios and Identities, Matrices & Determinants
- Quadratic Equations, Functions and Inverse Trigonometric Function
- Trigonometric Equations, **Solution of Triangles, Differential Calculus (Limit, Continuity, Differentiability, Differentiation)
- Point and Straight Line, Indefinite integration
- Circle, Definite integration
- Sequences and Series, Application of Derivatives (Maxima & Minima, Monotonicity, Tangent & Normal)
- Permutation & Combination and Binomial Theorem, Vectors
- Complex Numbers, Three Dimensional geometry,
- Parabola, Ellipse & Hyperbola, Area under the curve and Differential Equations
- Probability

Note :

1. Number of tests & dates may differ according to the dates of Main Exams declared by the exam governing body.
2. **ALL INDIA OPEN TEST** : To give students a vast exposure, ranking and analysis on national level, Test Ranking with Current CCP Students.
3. Test will be conducted on DSAT (dsat.allen.ac.in)