

## AIETS (All India Engineering Test Schedule) EXAM SCHEDULE FOR 2020-21

### Class - XII & Class - XIII

Test No.	Date	Test Name	Physics	Chemistry	Mathematics	Test Pattern
1	02-Aug-20	Part Test - 1	<ol style="list-style-type: none"> <li>1. Electrostatics</li> <li>2. Capacitors</li> <li>3. Vectors</li> <li>4. Units, Dimensions and Measurement</li> </ol>	<ol style="list-style-type: none"> <li>1. Solid State</li> <li>2. Chemical kinetics</li> <li>3. Mole Concept</li> <li>4. Atomic structure</li> </ol>	<ol style="list-style-type: none"> <li>1. Matrices and Determinants</li> <li>2. Functions and Inverse Trigonometric Functions</li> <li>3. Trigonometric Ratios and Identities</li> <li>4. Logarithms</li> <li>5. Linear Inequalities</li> </ol>	JEE Main
2	16-Aug-20	Part Test - 2	<ol style="list-style-type: none"> <li>1. Current Electricity</li> <li>2. Kinematics</li> <li>3. Laws of Motion and Friction</li> <li>4. Work, Power and Energy</li> </ol>	<ol style="list-style-type: none"> <li>1. Chemical Solutions</li> <li>2. States of Matter</li> <li>3. Periodic properties</li> <li>4. Organic Nomenclature</li> <li>5. General Organic Chemistry (GOC)</li> </ol>	<ol style="list-style-type: none"> <li>1. Limit, Continuity, Differentiability</li> <li>2. Differentiation</li> <li>3. Application of Derivatives (Maxima &amp; Minima, Monotonicity, Tangent &amp; Normal)</li> <li>4. Trigonometric Equations</li> <li>5. Solution of Triangles</li> <li>6. Height and Distance</li> </ol>	JEE Main
3	30-Aug-20	Cumulative Test - 1	Syllabus of Part Test 1 and 2	Syllabus of Part Test 1 and 2	Syllabus of Part Test 1 and 2	JEE Adv.
4	13-Sep-20	Part Test - 3	<ol style="list-style-type: none"> <li>1. Magnetic Effects of Current</li> <li>2. Magnetism and Matter</li> <li>3. Centre of Mass and Collisions</li> <li>4. Rotational Motion</li> </ol>	<ol style="list-style-type: none"> <li>1. Electrochemistry</li> <li>2. Redox Reactions</li> <li>3. Chemical Bonding</li> <li>4. Chemical Thermodynamics &amp; Thermochemistry</li> <li>5. Alkanes, Alkenes, Alkynes and Aromatic Hydrocarbons</li> </ol>	<ol style="list-style-type: none"> <li>1. Indefinite Integration</li> <li>2. Definite Integration</li> <li>3. Points and Straight Lines</li> <li>4. Circles</li> <li>5. Parabola, Ellipse, Hyperbola</li> </ol>	JEE Main

5	27-Sep-20	Part Test - 4	1. Electromagnetic Induction (EMI) 2. Alternating Current 3. Electromagnetic Waves 4. Properties of matter and Fluid Mechanics 5. Gravitation	1. HaloAlkanes and Haloarenes 2. Alcohol, Phenol & Ether 3. Chemical Equilibrium 4. Ionic Equilibrium 5. S-block elements & hydrogen 6. P-block	1. Area under the curves 2. Differential Equations 3. Sequences and Series 4. Quadratic Equations	JEE Main
6	11-Oct-20	Cumulative Test - 2	Syllabus of Part Test 3 and 4	Syllabus of Part Test 3 and 4	Syllabus of Part Test 3 and 4	JEE Adv.
7	25-Oct-20	Part Test - 5	1. Ray optics and optical Instruments 2. Wave optics 3. Simple Harmonic Motion (S.H.M.) 4. Waves(String & Sound waves)	1. Carboxylic Acids & Amines 2. Carbonyl Compounds 3. Surface Chemistry 4. Qualitative Analysis 5. Ores & Metallurgy	1. Probability 2. Permutation & Combination 3. Binomial Theorem 4. Principle of Mathematical Induction	JEE Main
8	08-Nov-20	Part Test - 6	1. Modern Physics 2. Electronics and Communication systems 3. Thermal Physics (Thermal Expansion, Calorimetry , Heat Transfer, KTG & Thermodynamics)	1. Co-ordination compound 2. d&f block elements 3. Biomolecules 4. Polymers 5. Chemistry in Everyday Life 6. Environmental Chemistry	1. Vectors 2. Three Dimensional Geometry 3. Statistics 4. Mathematical Reasoning 5. Complex Numbers	JEE Main
9	22-Nov-20	Cumulative Test - 3	Syllabus of Part Test 5 and 6	Syllabus of Part Test 5 and 6	Syllabus of Part Test 5 and 6	JEE Adv.
10	06-Dec-20	Full Syllabus - 1	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
11	13-Dec-20	Full Syllabus - 2	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
12	20-Dec-20	Full Syllabus - 3	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
13	27-Dec-20	Full Syllabus - 4	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
14	03-Jan-21	Full Syllabus - 5	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
15	24-Jan-21	Full Syllabus - 6	Full Syllabus	Full Syllabus	Full Syllabus	JEE Adv.
16	07-Feb-21	Full Syllabus - 7	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
17	28-Mar-21	Full Syllabus - 8	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
18	04-Apr-21	Full Syllabus - 9	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
19	25-Apr-21	Full Syllabus - 10	Full Syllabus	Full Syllabus	Full Syllabus	JEE Adv.
20	09-May-21	Full Syllabus - 11	Full Syllabus	Full Syllabus	Full Syllabus	JEE Adv.

## Class - XI

Test No.	Date	Test Name	Physics	Chemistry	Mathematics	Test Pattern
1	02-Aug-20	Part Test - 1	Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement	Mole Concept, Atomic Structure	Logarithms, Sets & Relations, Quadratic Equations	JEE Main
2	16-Aug-20	Part Test - 2	Kinematics	Redox & equivalent concept, States of Matter	Linear Inequalities, Sequences and Series, Principle of Mathematical Induction	JEE Main
3	30-Aug-20	Cumulative Test - 1	Syllabus of Part Test 1 and 2	Syllabus of Part Test 1 and 2	Syllabus of Part Test 1 and 2	JEE Adv.
4	13-Sep-20	Part Test - 3	Laws of Motion and Friction	Chemical Equilibrium, Ionic Equilibrium	Trigonometric Ratios and Identities, Trigonometric Equations	JEE Main
5	27-Sep-20	Part Test - 4	Work, Energy & Power, Centre of Mass, Momentum & Collisions	Chemical Thermodynamics & Thermochemistry	Solution of Triangles, Height and Distance	JEE Main
6	11-Oct-20	Cumulative Test - 2	Syllabus of Part Test 3 and 4	Syllabus of Part Test 3 and 4	Syllabus of Part Test 3 and 4	JEE Adv.
7	25-Oct-20	Part Test - 5	Rotational Motion	Organic nomenclature, Basic principles of practical organic chemistry, General Organic Chemistry (GOC), Isomerism	Permutation & Combination, Binomial Theorem	JEE Main
8	08-Nov-20	Part Test - 6	Gravitation, Properties of matter and Fluid Mechanics	Hydrocarbons (Alkanes, Alkenes, Alkynes, Aromatic Hydrocarbons)	Complex Numbers	JEE Main
9	22-Nov-20	Cumulative Test - 3	Syllabus of Part Test 5 and 6	Syllabus of Part Test 5 and 6	Syllabus of Part Test 5 and 6	JEE Adv.
10	06-Dec-20	Part Test - 7	Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics)	Periodic properties, Chemical Bonding, Hydrogen	Points, Straight Lines and Circles	JEE Main
11	20-Dec-20	Part Test - 8	Simple Harmonic Motion (S.H.M.), Waves	S-block elements, Boron and Carbon family, Environmental Chemistry	Parabola, Ellipse & Hyperbola, Statistics, Reasoning	JEE Main
12	03-Jan-21	Cumulative Test - 4	Syllabus of Part Test 7 and 8	Syllabus of Part Test 7 and 8	Syllabus of Part Test 7 and 8	JEE Adv.
13	17-Jan-21	Full Syllabus - 1	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
14	31-Jan-21	Full Syllabus - 2	Full Syllabus	Full Syllabus	Full Syllabus	JEE Adv.
15	14-Feb-21	Full Syllabus - 3	Full Syllabus	Full Syllabus	Full Syllabus	JEE Main
16	28-Mar-21	Full Syllabus - 4	Full Syllabus	Full Syllabus	Full Syllabus	JEE Adv.