

## Schedule for CATS BATCH-I (2026) (Competishun Advanced Training Session)

Date & Day	Academic Day	PHYSICS	CHEMISTRY	Mathematics
Thursday, 9 April, 2026	DAY 1	Rectilinear Motion (Lec + CAPS) + COCAT-1	Mole & Equivalent concept (Lec + CAPS) + COCAT-1	FOM & Trigonometry (Lec + CAPS) + COCAT-1
Friday, 10 April, 2026	DAY 2	Projectile Motion & Relative Motion (Lec + CAPS) COCAT-2	Periodic Table + Chemical Bonding (Lec + CAPS) + COCAT-2	Quadratic Equation (Lec + CAPS) + COCAT-2
Saturday, 11 April, 2026	DAY 3	Geometrical Optics (Lec + CAPS) + COCAT-3	Isomerism (Lec + CAPS) + COCAT-3	Function (Lec + CAPS) + COCAT-3
Sunday, 12 April, 2026	<b>DAY 4</b>	<b>Mock Test-6 (Advanced Pattern (Paper-I &amp; Paper-II))</b>	<b>Paper-I : 09:00 A.M. to 12:00 Noon Paper-II : 02:30 P.M. to 05:30 PM</b>	
Monday, 13 April, 2026	DAY 5	Newtons Laws of Motion + Friction (Lec + CAPS) + COCAT-4	Gaseous State (Lec + CAPS) + COCAT-4	ITF + SOT (Lec + CAPS) + COCAT-4
Tuesday, 14 April, 2026	DAY 6	Work Power & Energy (Lec + CAPS) + COCAT-5	Chemical equilibrium + Surface Chemistry (Lec + CAPS) + COCAT-5	Sequence & Series (Lec + CAPS) + COCAT-5
Wednesday, 15 April, 2026	<b>DAY 7</b>	<b>Mock Test-7 (Advanced Pattern (Paper-I &amp; Paper-II))</b>	<b>Paper-I : 09:00 A.M. to 12:00 Noon Paper-II : 02:30 P.M. to 05:30 PM</b>	
Thursday, 16 April, 2026	DAY 8	Circular Motion (Lec + CAPS) + COCAT-6	GOC (Lec + CAPS) + COCAT-6	Matrices (Lec + CAPS) + COCAT-6
Friday, 17 April, 2026	DAY 9	Center of Mass (Lec + CAPS) + COCAT-7	Ionic Equilibrium (Lec + CAPS) + COCAT-7	Determinant + Equation Solving (Lec + CAPS) + COCAT-7
Saturday, 18 April, 2026	DAY 10	Rotational Dynamics 1 (Lec + CAPS) + COCAT-8	Coordination Compound (Lec + CAPS) + COCAT-8	Complex Number (Lec + CAPS) + COCAT-8
Sunday, 19 April, 2026	<b>DAY 11</b>	<b>Mock Test-8 (Advanced Pattern (Paper-I &amp; Paper-II))</b>	<b>Paper-I : 09:00 A.M. to 12:00 Noon Paper-II : 02:30 P.M. to 05:30 PM</b>	
Monday, 20 April, 2026	DAY 12	Rotational Dynamics 2 (Lec + CAPS) + COCAT-9	Hydrocarbon Part-1 (Lec + CAPS) + COCAT-9	Binomial Theorem (Lec + CAPS) + COCAT-9
Tuesday, 21 April, 2026	DAY 13	Simple Harmonic Motion (Lec + CAPS) + COCAT-10	Electro Chemistry (Lec + CAPS) + COCAT-10	Limit (Lec + CAPS) + COCAT-10
Wednesday, 22 April, 2026	<b>DAY 14</b>	<b>Mock Test-9 (Advanced Pattern (Paper-I &amp; Paper-II))</b>	<b>Paper-I : 09:00 A.M. to 12:00 Noon Paper-II : 02:30 P.M. to 05:30 PM</b>	
Thursday, 23 April, 2026	DAY 15	Electrostatics (Lec + CAPS) + COCAT-11	Hydrocarbon Part-2 (Lec + CAPS) + COCAT-11	Continuity & Differentiability (Lec + CAPS) + COCAT-11
Friday, 24 April, 2026	DAY 16	Current Electricity (Lec + CAPS) + COCAT-12	p-block (15-18) (Lec + CAPS) + COCAT-12	MOD + AOD-1 (Lec + CAPS) + COCAT-12
Saturday, 25 April, 2026	DAY 17	Capacitance (Lec + CAPS) + COCAT-13	Liquid Solution (Lec + CAPS) + COCAT-13	AOD-2 (Lec + CAPS) + COCAT-13
Sunday, 26 April, 2026	<b>DAY 18</b>	<b>Mock Test-10 (Advanced Pattern (Paper-I &amp; Paper-II))</b>	<b>Paper-I : 09:00 A.M. to 12:00 Noon Paper-II : 02:30 P.M. to 05:30 PM</b>	
Monday, 27 April, 2026	DAY 19	EMF (Lec + CAPS) + COCAT-14	Haloalkanes & Haloarenes (Lec + CAPS) + COCAT-14	Permutation & Combination (Lec + CAPS) + COCAT-14
Tuesday, 28 April, 2026	DAY 20	EMI + Alternating Current (Lec + CAPS) + COCAT-15	Qualitative Analysis (Lec + CAPS) + COCAT-15	Probability (Lec + CAPS) + COCAT-15
Wednesday, 29 April, 2026	<b>DAY 21</b>	<b>Mock Test-11 (Advanced Pattern (Paper-I &amp; Paper-II))</b>	<b>Paper-I : 09:00 A.M. to 12:00 Noon Paper-II : 02:30 P.M. to 05:30 PM</b>	
Thursday, 30 April, 2026	DAY 22	Modern Physics (Lec + CAPS) + COCAT-16	Alcohol, Phenol Ether (Lec + CAPS) + COCAT-16	Indefinite Integration (Lec + CAPS) + COCAT-16
Friday, 1 May, 2026	DAY 23	Nuclear Physics (Lec + CAPS) + COCAT-17	Chemical Kinetics (Lec + CAPS) + COCAT-17	Definite Integration (Lec + CAPS) + COCAT-17
Saturday, 2 May, 2026	DAY 24	Wave on String (Lec + CAPS) + COCAT-18	Metalurgy + D & f block (Lec + CAPS) + COCAT-18	Area (Lec + CAPS) + COCAT-18

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Date & Day	Academic Day	PHYSICS	CHEMISTRY	Mathematics
Sunday, 3 May, 2026	<b>DAY 25</b>	<b>Mock Test-12</b> (Advanced Pattern (Paper-I & Paper-II))	<b>Paper-I : 09:00 A.M. to 12:00 Noon</b> <b>Paper-II : 02:30 P.M. to 05:30 PM</b>	
Monday, 4 May, 2026	DAY 26	Sound Waves (Lec + CAPS) + COCAT-19	Aldehyde, ketone & G.R. (Lec + CAPS) + COCAT-19	Differential Equation (Lec + CAPS) + COCAT-19
Tuesday, 5 May, 2026	DAY 27	KTG + Thermodynamic (Lec + CAPS) + COCAT-20	Thermodynamics (Lec + CAPS) + COCAT-20	Vector (Lec + CAPS) + COCAT-20
Wednesday, 6 May, 2026	<b>DAY 28</b>	<b>Mock Test-13</b> (Advanced Pattern (Paper-I & Paper-II))	<b>Paper-I : 09:00 A.M. to 12:00 Noon</b> <b>Paper-II : 02:30 P.M. to 05:30 PM</b>	
Thursday, 7 May, 2026	DAY 29	Calorimetry + Thermal expansion + Heat Transfer (Lec + CAPS) + COCAT-21	Atomic Structure (Lec + CAPS) + COCAT-21	3D (Lec + CAPS) + COCAT-21
Friday, 8 May, 2026	DAY 30	Wave Optics (Lec + CAPS) + COCAT-22	Nitrogen Containing compound (Lec + CAPS) + COCAT-22	Straight line + POSL (Lec + CAPS) + COCAT-22
Saturday, 9 May, 2026	DAY 31	Fluid Mechanics + Surface Tension (Lec + CAPS) + COCAT-23	Solid State (Lec + CAPS) + COCAT-23	Circle (Lec + CAPS) + COCAT-23
Sunday, 10 May, 2026	<b>DAY 32</b>	<b>Mock Test-14</b> (Advanced Pattern (Paper-I & Paper-II))	<b>Paper-I : 09:00 A.M. to 12:00 Noon</b> <b>Paper-II : 02:30 P.M. to 05:30 PM</b>	
Monday, 11 May, 2026	DAY 33	Elasticity & viscosity (Lec + CAPS) + COCAT-24	s-block & grp 13-14 (Lec + CAPS) + COCAT-24	Parabola (Lec + CAPS) + COCAT-24
Tuesday, 12 May, 2026	DAY 34	Gravitation (Lec + CAPS) + COCAT-25	Biomolecule & Polymer (Lec + CAPS) + COCAT-25	Ellipse + Hyperbola (Lec + CAPS) + COCAT-25
Wednesday, 13 May, 2026	<b>DAY 35</b>	<b>Mock Test-15</b> (Advanced Pattern (Paper-I & Paper-II))	<b>Paper-I : 09:00 A.M. to 12:00 Noon</b> <b>Paper-II : 02:30 P.M. to 05:30 PM</b>	