



**Regd. Office :** Aakash Tower, 8, Pusa Road, New Delhi-110005

**Crash Course for JEE (Advanced) : Course Summary**

<b>Commencement Date</b>	<b>17-04-18</b>
<b>Completion Date</b>	<b>18-05-18</b>
<b>Teaching Days</b>	<b>23 (Days)</b>
<b>Part-wise Syllabus Test</b>	<b>4</b>
<b>Mock Test</b>	<b>2</b>
<b>Total No. of Tests</b>	<b>6</b>
<b>Teaching Hour (Per day)</b>	<b>(2 × 3 Lectures) = 6 Hours</b>
<b>Physics</b>	<b>46 Hours</b>
<b>Chemistry</b>	<b>46 Hours</b>
<b>Mathematics</b>	<b>46 Hours</b>
<b>Total Hours</b>	<b>138 Hours</b>
<b>Total Lecture</b>	<b>69 Lectures (3 Lectures per day)</b>
<b>Mode of Test (Part-wise syllabus)</b>	<b>Offline</b>
<b>Mode of Test (Mock Test)</b>	<b>Offline</b>



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**Crash Course for JEE (Advanced) Daily Schedule (17 April 2018 to 18 May 2018)**

Lecture	Date	Day	Physics	Chemistry	Mathematics
Lecture - 1	17-Apr-18	Tue	Units and Measurement	Some Basic Concepts of Chemistry	Functions
Lecture - 2	18-Apr-18	Wed	Kinematics-1	States of Matter: Gases, Liquids And Solid state	Quadratic Equations-1 and Complex Numbers
Lecture - 3	19-Apr-18	Thu	Kinematics-2	Structure of Atom	Quadratic Equations-2 and Complex Numbers
Lecture - 4	20-Apr-18	Fri	Laws of Motion-1	Chemical Bonding and Molecular Structure-1	Matrices and Determinants
Lecture - 5	21-Apr-18	Sat	Laws of Motion-2	Chemical Bonding and Molecular Structure-2	Permutations and Combinations-1
Test - 1	22-Apr-18	Sun	<b>6 hours test on the pattern of JEE Advanced (Paper - 1 and Paper - 2) based on Lecture - 1 to Lecture - 5</b>		
Lecture - 6	23-Apr-18	Mon	Work, Energy and Power	Thermodynamics	Permutations and Combinations-2
Lecture - 7	24-Apr-18	Tue	System of Particles and Rotational Motion-1	Solutions	Binomial Theorem and Its Simple Applications
Off	25-Apr-18	Wed	Off	Off	Off
Lecture - 8	26-Apr-18	Thu	System of Particles and Rotational Motion-2	Equilibrium-1	Sequences and Series
Lecture - 9	27-Apr-18	Fri	Gravitation	Equilibrium-2	Trigonometry-1
Lecture - 10	28-Apr-18	Sat	Properties of Solids and Liquids-1	Redox Reactions and Electrochemistry-1	Trigonometry-2
Test - 2	29-Apr-18	Sun	<b>6 hours test on the pattern of JEE Advanced (Paper - 1 and Paper - 2) based on Lecture - 6 to Lecture - 10</b>		
Lecture - 11	30-Apr-18	Mon	Properties of Solids and Liquids-2	Electrochemistry-2	Trigonometry-3



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Lecture	Date	Day	Physics	Chemistry	Mathematics
Lecture - 12	1-May-18	Tue	Thermal Expansions, Calorimetry and Heat Transfer	Chemical Kinetics & Nuclear Chemistry, Surface Chemistry	Limit, Continuity and Differentiability-1
Off	2-May-18	Wed	Off	Off	Off
Lecture - 13	3-May-18	Thu	Kinetic Theory of Gases and Thermodynamics	Some Basic Principles of Organic Chemistry	Limit, Continuity and Differentiability-2
Lecture - 14	4-May-18	Fri	Oscillations and Waves-1	Hydrocarbons - 1	Limit, Continuity and Differentiability-3
Lecture - 15	5-May-18	Sat	Oscillations and Waves-2	Hydrocarbons - 2	Integral Calculus-1
Test - 3	6-May-18	Sun	6 hours test on the pattern of JEE Advanced (Paper - 1 and Paper - 2) based on Lecture - 11 to Lecture - 15		
Lecture - 16	7-May-18	Mon	Electrostatics-1	Organic Compounds Containing Halogens	Integral Calculus-2
Lecture - 17	8-May-18	Tue	Electrostatics-2	Organic Compounds Containing Oxygen-1	Differential Equations-1
Off	9-May-18	Wed	Off	Off	Off
Lecture - 18	10-May-18	Thu	Current Electricity-1	Organic Compounds Containing Oxygen-2	Differential Equations-2
Lecture - 19	11-May-18	Fri	Current Electricity-2	Organic Compounds Containing Nitrogen, Polymers, Biomolecules	Co-ordinate Geometry (St. Lines, Circles, Conic Sections)-1
Lecture - 20	12-May-18	Sat	Moving Charges And Magnetism	General Principles And Processes of Isolation Of Metals	Co-ordinate Geometry (St. Lines, Circles, Conic Sections)-2



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Lecture	Date	Day	Physics	Chemistry	Mathematics
Test - 4	13-May-18	Sun	6 hours test on the pattern of JEE Advanced (Paper - 1 and Paper - 2) based on Lecture - 16 to Lecture - 20		
Lecture - 21	14-May-18	Mon	Electromagnetic Induction and Alternating Current	s-Block Elements, p-Block Elements (Group 13 - 14)	Co-ordinate Geometry (St. Lines, Circles, Conic Sections)-3
Lecture - 22	15-May-18	Tue	Optics-1 and 2	p-Block Elements (Group 15 - 18), d & f - Block Elements	Co-ordinate Geometry (St. Lines, Circles, Conic Sections)-4, Vector Algebra
Lecture - 23	16-May-18	Wed	Optics-3 and Modern Physics	Coordination Compounds & Organometallics, Qualitative Analysis	Three Dimensional Geometry, Probability
Test - 5	17-May-18	Thu	Complete Syllabus Test on the pattern of JEE Advance (Paper - 1 and Paper -2) 6 Hours Duration (Mock Test) (Online/Offline)		
Test - 6	18-May-18	Fri	Mock Test on Complete Syllabus (Paper - 1 and Paper -2) (Online/Offline)		
Off	19-May-18	Sat	Off	Off	Off
Off	20-May-18	Sun	JEE (Advanced) 2017		



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**Test Planner**

<b>Test No.</b>	<b>From</b>	<b>Upto</b>
Test - 1	Lecture - 1	Lecture - 5
Test - 2	Lecture - 6	Lecture - 10
Test - 3	Lecture - 11	Lecture - 15
Test - 4	Lecture - 16	Lecture - 20
Test - 5	<b>Complete Syllabus Test (Mock Test)</b>	
Test - 6	<b>Mock Test on Complete Syllabus</b>	

**Note:** All the tests shall be of 6 hours duration based on the pattern of JEE (Advanced) 2017 (Paper - 1 and Paper - 2)