



PROPOSED Schedule for IIT-JEE(Main) Crash Course -JUNE-2021

DATE :- 07.06.2021

S. NO.	DATE	DAYS	PHYSICS	CHEMISTRY	MATHS
1	11-06-2021	FRIDAY	<u>ORIENTATION CLASS</u>		
2	15-06-2021	TUESDAY	Unit dimension, error analysis, significant figure, Vector	Mole concept, Average atomic mass, Gram molar volume, Molarity, molality and molefraction	Wavy Curve Method, Modulus & their properties, Logarithm and their properties
3	16-06-2021	WEDNESDAY	Motion in 1-D	Equivalent weight, Normality, Equivalent concept, Acid base titration, redox titration	Quadratic equation
4	17-06-2021	THURSDAY	Relative motion, Motion in 2-D	Atomic structure:Bohr's model, H- spectrum, de-Broglie equation	Quadratic Equation and Expression, Theory of Equation
5	18-06-2021	FRIDAY	Laws of motion, Friction	Electronic configuration, quantum numbers, wave machanical model of atom	Progressions
6	19-06-2021	SATURDAY	Dynamics of circular motion	Chemical Bonding	Trigonometric Ratios & Identities
7	20-06-2021	SUNDAY	Work, Work energy theorem	State of matter: Gas laws, Ideal gas equation Vander wall's equation	Trigonometric Equation
8	21-06-2021	MONDAY	PT-01_SYLLABUS (100%, S. No. 02 to 07)		
9	22-06-2021	TUESDAY	Conservation of Energy, Power, Vertical circular motion	Thermodynamics: Properties, function, work, first law of thermodynamics, Enthalpy	Introduction to 2D Geometry

S. NO.	DATE	DAYS	PHYSICS	CHEMISTRY	MATHS
10	23-06-2021	WEDNESDAY	Conservation of Linear Momentum, Collision	Thermodynamics: Enthalpy, Entropy, Free energy	Straight Lines
11	24-06-2021	THURSDAY	Center of mass (Location & Motion), Moment of Inertia	Chemical Equilibrium	Straight Lines and Pair of Straight Lines
12	25-06-2021	FRIDAY	Torque, Rotational Dynamics	Ionic Equilibrium: pH, buffer Solution	Circles
13	26-06-2021	SATURDAY	Conservation of Angular momentum, Rolling	Ionic Equilibrium: Salt hydrolysis, solubility and solubility product	Circles and system of Circles
14	27-06-2021	SUNDAY	Gravitation	GOC: Inductive effect, Resonance, GOC: Hyperconjugation, Aromaticity, reaction intermediates	Parabola
15	28-06-2021	MONDAY	PT-02_SYLLABUS (60%, S. No. 09 to 14 + 40%, Cumulative)		
16	29-06-2021	TUESDAY	Fluid statics & Dynamics	Isomerism: structural and stereo	Ellipse
17	30-06-2021	WEDNESDAY	Elasticity, Viscosity	Alkane, Alkene	Hyperbola
18	01-07-2021	THURSDAY	Surface tension, Calorimetry	Alkene reactions	Binomial Theorem
19	02-07-2021	FRIDAY	Thermal expansion, Heat transfer	Alkynes, EAS	Permutation & Combination
20	03-07-2021	SATURDAY	Kinetic theory of gases, Thermodynamics	Alkyl halide preparation	Complex Numbers
21	04-07-2021	SUNDAY	SHM	Alkyl halides: Reaction	Properties and Solution of Triangle

S. NO.	DATE	DAYS	PHYSICS	CHEMISTRY	MATHS
22	05-07-2021	MONDAY	PT-03_SYLLABUS (60%, S. No. 16 to 21 + 40% Cumulative)		
23	06-07-2021	TUESDAY	Wave 1 (General equation of wave, Wave in a string, intensity of wave, Standing wave, transverse vibration of string, Sonometer)	Alcohol	Height & Distance
24	07-07-2021	WEDNESDAY	Wave 2 (Beats, Speed of sound, Organ pipes, Loudness level, Dopplers effect)	Ethers, phenol	Sets & Relation
25	08-07-2021	THURSDAY	Wave optics	carbonyl compound	Functions
26	09-07-2021	FRIDAY	Reflection from plane & spherical surface	aldol condensation, cannizzaro reaction.	Inverse Trigonometric Functions
27	10-07-2021	SATURDAY	Refraction from plane surface, Prism, TIR	Craboxylic acid derivatives	Limits & Continuity
28	11-07-2021	SUNDAY	Lens, Optical instruments	Amines	Differentiability & Derivatives
29	12-07-2021	MONDAY	PT-04_SYLLABUS (60%, S. No. 23 to 28 + 40% Cumulative)		
30	13-07-2021	TUESDAY	Coulomb's law, Electric field, Gauss theorem	Carbohydrates and amino acids	Application of Derivatives (I) - Rate measure, Geometrical application, Mean value Theorem
31	14-07-2021	WEDNESDAY	Electric potential & Potential energy	Electrochemistry	Application of Derivatives (II) - Monotonocity, Maxima & Minima
32	15-07-2021	THURSDAY	Capacitor	Chemical kinetics	Indefinite Integral
33	16-07-2021	FRIDAY	Capacitive circuit, RC circuit	Solution	Definite Integral

S. NO.	DATE	DAYS	PHYSICS	CHEMISTRY	MATHS
34	17-07-2021	SATURDAY	Current electricity	Solid state	Area under curve
35	18-07-2021	SUNDAY	Electrical instruments, Heating effect of current	d-block elements	Differential Equation
36	19-07-2021	MONDAY	PT-05_SYLLABUS (60%, S. No. 30 to 35 + 40% Cumulative)		
37	20-07-2021	TUESDAY	Biot-Savart's law, Ampere-Circutal law, Motion of charge particle	Coordination compounds	Matrices
38	21-07-2021	WEDNESDAY	Magnetic effect of current, Magnetism	p-block 13th, 14th and 15th group	Determinants
39	22-07-2021	THURSDAY	EMI	p-block 16th, 17th and 18th group	Vector Algebra
40	23-07-2021	FRIDAY	AC	s-block elements	3D Geometry (Line)
41	24-07-2021	SATURDAY	EMW, Photoelectric effect, X-Ray,	Surface Chemistry	3D Geometry (Plane)
42	25-07-2021	SUNDAY	Atomic Physics, Nuclear Physics	Metallurgy	Probability
43	26-07-2021	MONDAY	PT-06_SYLLABUS (60%, S. No. 37 to 42 + 40% Cumulative)		
44	27-07-2021	TUESDAY	Semiconductor, POC	Qualitative analysis	Mathematical reasoning & Statistics
45	28-07-2021	WEDNESDAY	JEE-Mains-Complete Syllabus Test-(GTM-01)		

<u>S. NO.</u>	<u>DATE</u>	<u>DAYS</u>	<u>PHYSICS</u>	<u>CHEMISTRY</u>	<u>MATHS</u>
46	29-07-2021	THURSDAY	JEE-Mains-Complete Syllabus Test-(GTM-02)		

Summary of CRASH COURSE-IIT
Duration :- 45 DAYS
Teaching Hour :- 170-(Approx.)
Total No. of JEE-Main Part Test (Cummulative Type)=06
JEE-Mains-Complete Syllabus Test=02