



Schedule for IIT-JEE(Main) Crash Course - 2020 (Batch-3)

Sl No	Date	Day	Physics	Chemistry	Maths
1	11-05-20	Monday	Unit dimension, error analysis, significant figure	Mole concept, Average atomic mass, Gram molar volume, Molarity, molality and molefraction	Wavy Curve Method, Modulus & their properties
2	12-05-20	Tuesday	Vector & Relative motion	Equivalent weight, Normality, Equivalent concept, Acid base titration, redox titration	Logarithm and their properties
3	13-05-20	Wednesday	Motion in 1-D	Atomic structure: Bohr's model, H-spectrum, de-Broglie equation	Quadratic equation
4	14-05-20	Thursday	Motion in 2-D	Electronic configuration, quantum numbers, wave mechanical model of atom	Quadratic Equation and Expression, Theory of Equation
5	15-05-20	Friday	Laws of motion	Chemical bonding: VBT, Hybridization, VSEPR-theory	Progressions (I)
6	16-05-20	Saturday	Friction	Molecular orbital theory, H-bonding	Progressions (II)
7	17-05-20	Sunday	Dynamics of circular motion	State of matter: Gas laws, Ideal gas equation Vander wall's equation	Trigonometric Ratios

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8	18-05-20	Monday	PT-1 (100 % Syllabus from Sl. No 1 to 7)		
9	19-05-20	Tuesday	Work, Work energy theorem	Thermodynamics: Properties, function, work, first law of thermodynamics, Enthalpy	Trigonometric Ratios & Identities
10	20-05-20	Wednesday	Conservation of Energy, Power, Vertical circular motion	Thermodynamics: Enthalpy, Entropy, Free energy	Trigonometric Equation
11	21-05-20	Thursday	Conservation of Linear Momentum, Collision	Chemical Equilibrium	Introduction to 2D Geometry
12	22-05-20	Friday	Center of mass (Location & Motion)	Ionic Equilibrium: pH, buffer Solution	Straight Lines
13	23-05-20	Saturday	Moment of Inertia, Torque	Ionic Equilibrium: Salt hydrolysis, solubility and solubility product	Straight Lines and Pair of Straight Lines
14	24-05-20	Sunday	Rotational Dynamics	GOC: Inductive effect, Resonance,	Circles
15	25-05-20	Monday	PT-2 (60% Syllabus from Sl. No 9 to 14 & 40% syllabus from Sl. No 1 to 7)		

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16	26-05-20	Tuesday	Conservation of Angular momentum, Rolling	GOC: Hyperconjugation, Aromaticity, reaction intermediates	Circles and system of Circles
17	27-05-20	Wednesday	Gravitation	Isomerism: structural and geometrical	Parabola
18	28-05-20	Thursday	Fluid statics & Dynamics	Isomerism: Optical	Ellipse
19	29-05-20	Friday	Elasticity, Viscosity	Conformation	Hyperbola
20	30-05-20	Saturday	Surface tension, Calorimetry	Alkane	Binomial Theorem
21	31-05-20	Sunday	Thermal expansion, Kinetic theory of gases	Alkene(Elimination reactions)	Permutation & Combination (I)
22	01-06-20	Monday	PT-3 (60% Syllabus from Sl. No 16 to 21 & 40% syllabus from Sl. No 1 to 14)		
23	02-06-20	Tuesday	Thermodynamics	Alkene reactions	Permutation & Combination (II)

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24	03-06-20	Wednesday	Heat transfer	Alkene reactions, Alkyne	Complex Numbers (I)
25	04-06-20	Thursday	Wave 1 (General equation of wave, Wave in a string, intensity of wave)	EAS	Complex Numbers (II)
26	05-06-20	Friday	Wave 2 (Standing wave, transverse vibration of string, Sonometer)	Alkyl halide preparation	Properties and Solution of Triangle
27	06-06-20	Saturday	Wave 3 (Beats, Organ pipes, Dopplers effect)	Alkyl halides: Reaction	Height & Distance
28	07-06-20	Sunday	Preparation for Class-XI syllabus		
29	08-06-20	Monday	Complete Syllabus Test - Class-XI		
30	09-06-20	Tuesday	Wave optics	Alcohol	Sets & Relation
31	10-06-20	Wednesday	Reflection from plane & spherical surface	Ethers, phenol	Functions

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32	11-06-20	Thursday	Refraction from plane surface, Prism, TIR	Carbonyl compound	Inverse Trigonometric Functions
33	12-06-20	Friday	Lens, Optical instruments	carbonyl compound	Limits & Continuity
34	13-06-20	Saturday	Coulomb's law, Electric field	aldol condensation, cannizzaro reaction.	Differentiability & Derivatives
35	14-06-20	Sunday	Gauss theorem	Craboxylic acid derivatives	Application of Derivatives (I) - Rate measure, Geometrical application, Mean value Theorem
36	15-06-20	Monday	PT-4 (100% Syllabus from Sl. No 30 to 35)		
37	16-06-20	Tuesday	Electric potential & Potential energy	amines	Application of Derivatives (II) - Monotonocity, Maxima & Minima
38	17-06-20	Wednesday	Capacitor	Carbohydrates and amino acids	Indefinite Integral
39	18-06-20	Thursday	Capacitive circuit, RC circuit	Electrochemistry	Definite Integral (I)

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40	19-06-20	Friday	Current electricity	Chemical kinetics	Definite Integral (II)
41	20-06-20	Saturday	Electrical instruments, Heating effect of current	solution	Area under curve
42	21-06-20	Sunday	Biot-Savart's law, Ampere-Circutal law	Solid state	Differential Equation
43	22-06-20	Monday	PT-5 (60% Syllabus from Sl. No 37 to 42 & 40% syllabus from Sl. No 30 to 35)		
44	23-06-20	Tuesday	Motion of charge particle	d-block elements	Matrices
45	24-06-20	Wednesday	Magnetic effect of current	coordination compounds	Determinants
46	25-06-20	Thursday	Magnetism	p-block 13th, 14th and 15th group	Vector Algebra
47	26-06-20	Friday	AC	p-block 16th, 17th and 18th group	3D Geometry (Line)

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48	27-06-20	Saturday	EMW, Photoelectric effect, X-Ray	s-block elements	3D Geometry (Plane)
49	28-06-20	Sunday	Atomic Physics	qualitative analysis	Probability (I)
50	29-06-20	Monday	PT-6 (60% Syllabus from Sl. No 44 to 49 & 40% syllabus from Sl. No 30 to 42)		
51	30-06-20	Tuesday	Nuclear Physics	Metallurgy	Probability (II)
52	01-07-20	Wednesday	Semiconductor, POC	Surface Chemistry	Mathematical reasoning & Statistics
53	02-07-20	Thursday	Preparation for Class-XII syllabus		
54	03-07-20	Friday	Complete syllabus test - Class XII		
55	04-07-20	Saturday	Preparation		
56	05-07-20	Sunday	Grand Test - 1 (Full syllabus of XI & XII)		

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57	06-07-20	Monday	Preparation		
58	07-07-20	Tuesday	Grand Test - 2 (Full syllabus of XI & XII)		
59	08-07-20	Wednesday	Preparation		
60	09-07-20	Thursday	Grand Test - 3 (Full syllabus of XI & XII)		
61	10-07-20	Friday	Preparation		
62	11-07-20	Saturday	Grand Test - 4 (Full syllabus of XI & XII)		
63	12-07-20	Sunday	Preparation		
64	13-07-20	Monday	Grand Test - 5 (Full syllabus of XI & XII)		
65	14-07-20	Tuesday	Preparation		
66	15-07-20	Wednesday	Grand Test - 6 (Full syllabus of XI & XII)		