

Brilliant STUDY CENTRE PALA

LT - 2022 RESIDENTIAL IIT CLASS SCHEDULE

Date	Day	Subject	Topic		Activation Period
18-01-2021	Monday	Work book Submission	MATHS-Conic Section		6.00 a.m. - 6.00 p.m
		PHYSICS	Oscilation	Part-6	5.00am - 6.00am
		CHEMISTRY	Chemical and ionic equilibrium	Part-12	5.00am - 6.00am
19-01-2021	Tuesday	Doubt Clearance	PHYSICS - Mechanical Properties of solids & liquids		Time will be intimated through SMS
		PHYSICS	Oscilation	Part-7	5.00am - 6.00am
		CHEMISTRY	Chemical and ionic equilibrium	Part-13	5.00am - 6.00am
20-01-2021	Wednesday	PHYSICS	Oscilation	Part-8	5.00am - 6.00am
		MATHS	Complex Numbers	Part-12	5.00am - 6.00am
21-01-2021	Thursday	EXAM	PHYSICS - Gravitation& ,Mechanical Properties of solids&liquids Jee main (1hr), Jee Adv. (1hr)		5.00 p.m. to 7.30 p.m
		PHYSICS	Waves	Part-1	5.00am - 6.00am
		CHEMISTRY	Chemical and ionic equilibrium	Part-14	5.00am - 6.00am
22-01-2021	Friday	Work book Submission	MATHS-Complex Numbers		6.00 a.m. - 6.00 p.m
		PHYSICS	Waves	Part-2&3	5.00am - 6.00am
23-01-2021	Saturday	Doubt Clearance	MATHS-Complex Numbers		Time will be intimated through SMS
		PHYSICS	Waves	Part-4&5	5.00am - 6.00am
		CHEMISTRY	Chemical and ionic equilibrium	Part-15	5.00am - 6.00am

24-01-2021 SUNDAY	Resonance Model Exam Time:2pm-5.30pm				JEE Advanced-3 hrs
	PHYSICS	Work, power and Energy, Circular motion, Center of mass (COM), (Circular motion introduction, Kinematics and circular motion, Relative circular motion, Circular motion in Horizontal plane, Circular motion in vertical plane, Turning on Roads / Banking of road, Centrifugal, Force, Effect of Earth's Rotation, Calculation of COM of system of Particles)			
	CHEMISTRY	Atomic structure, Mole concept, Structural identification ABC - 1, ABC - 2, ABC - 3 and Periodic Table, Basic Inorganic Nomenclature (BIN) and Chemical bonding - 1 (Type of Bonding (definitions of ionic bond, covalent bond and metallic bond) and Octet Rule, Limitations of octet Rule, Formal charge, Writing the lewis dot structure, finding average bond order, stability of resonating structures, writing resonating structures, finding average bond order, stability of resonating structures Finding bond order in Oxoanions and their acids, VBT, overlapping of orbital, hybridisation			
	MATHS	Quadratic equation, Trigonometry, Sequence and series, Fundamentals of Mathematics - II, Binomial Theorem, Permutation and Combination (P & C), (Fundamental principle of counting, Permutation and arrangements of objects, Combination, arrangement of Object with Few object same, Selection of one or more object, Formation of group and distribution of objects)			
	KVPY EXAMINATION				TIME-9am-10pm
25-01-2021	Monday	Work book Submission	CHEMISTRY-Chemical & Ionic Equilibrium		6.00 a.m. - 6.00 p.m
		PHYSICS	Waves	Part-6&7	5.00am - 6.00am
26-01-2021	Tuesday	Doubt Clearance	CHEMISTRY-Chemical and Ionic Equilibrium		Time will be intimated through SMS
		PHYSICS	Waves	Part-8,9,10	5.00am - 6.00am
27-01-2021	Wednesday	PHYSICS	Thermal expansion & Calorimetry	Part-1	5.00am - 6.00am
		CHEMISTRY	Hydrocarbons	Part-1	5.00am - 6.00am
28-01-2021	Thursday	Brilliant World Wide Test Series			9.00 a.m. to 12 p.m
		CHEMISTRY	Hydrocarbons	Part-2	5.00am - 6.00am
		MATHS	Theory of Probability	Part-1	5.00am - 6.00am
29-01-2021	Friday	Doubt Clearance	PHYSICS-Oscillation		Time will be intimated through SMS
		PHYSICS	Thermal expansion & Calorimetry	Part-2	5.00am - 6.00am
		MATHS	Theory of Probability	Part-2	5.00am - 6.00am

30-01-2021	Saturday				
31-01-2021	Sunday				
01-02-2021	Monday	Work book Submission	PHYSICS-Oscilation		6.00 a.m. - 6.00 p.m
		PHYSICS	Thermal expansion&Calori metry	Part-3	5.00am - 6.00am
		CHEMISTRY	Hydrocarbons	Part-3	5.00am - 6.00am
02-02-2021	Tuesday	Doubt Clearance	PHYSICS-Waves		Time will be intimated through SMS
		CHEMISTRY	Hydrocarbons	Part-4	5.00am - 6.00am
		MATHS	Theory of Probability	Part-3	5.00am - 6.00am
03-02-2021	Wednesday	PHYSICS	Thermal expansion&Calori metry	Part-4	5.00am - 6.00am
		MATHS	Theory of Probability	Part-4	5.00am - 6.00am
04-02-2021	Thursday	EXAM	MATHS - Conic Sections Jee main (1hr), Jee Adv. (1hr)		5.00 p.m. to 7.30 p.m
		PHYSICS	Thermal expansion&Calori metry	Part-5	5.00am - 6.00am
		MATHS	Theory of Probability	Part-5	5.00am - 6.00am
05-02-2021	Friday	PHYSICS	Thermal expansion&Calori metry	Part-6	5.00am - 6.00am
		CHEMISTRY	Hydrocarbons	Part-5	5.00am - 6.00am
06-02-2021	Saturday	PHYSICS	Thermal expansion&Calori metry	Part-7&8	5.00am - 6.00am
		CHEMISTRY	Hydrocarbons	Part-6	5.00am - 6.00am
		MATHS	Introduction to Three Dimensional Geometry	Part-1	5.00am - 6.00am
07-02-2021	Sunday				
08-02-2021	Monday	EXAM	CHEMISTRY - Chemical &Ionic Equilibrium Jee main (1hr), Jee Adv. (1hr)		5.00 p.m. to 7.30 p.m
		PHYSICS	Thermodynamics & Kinetic Theory	Part-1&2	5.00am - 6.00am

09-02-2021	Tuesday	Work book Submission	PHYSICS-Waves		6.00 a.m. - 6.00 p.m
		Doubt Clearance	MATHS-Probability		Time will be intimated through SMS
		PHYSICS	Thermodynamics & Kinetic Theory	Part-3	5.00am - 6.00am
		MATHS	Introduction to Three Dimensional Geometry	Part-2	5.00am - 6.00am
10-02-2021	Wednesday	Doubt Clearance	MATHS- Introduction to Three Dimensional Geometry		Time will be intimated through SMS
		PHYSICS	Thermodynamics & Kinetic Theory	Part-4	5.00am - 6.00am
		CHEMISTRY	Hydrocarbons	Part-7	5.00am - 6.00am
11-02-2021	Thursday	EXAM	PHYSICS-Oscilation&Waves Jee main (1hr), Jee Adv. (1hr)		5.00 p.m. to 7.30 p.m
		PHYSICS	Thermodynamics & Kinetic Theory	Part-5	5.00am - 6.00am
		CHEMISTRY	Hydrocarbons	Part-8	5.00am - 6.00am
12-02-2021	Friday	PHYSICS	Thermodynamics & Kinetic Theory	Part-6	5.00am - 6.00am
		CHEMISTRY	Hydrocarbons	Part-9	5.00am - 6.00am
BIOLOGY CLASSES					
23-01-2021	Saturday	BOTANY	Plant Growth and Development	Part-1	5.00am - 6.00am
25-02-2021	Monday	BOTANY	Plant Growth and Development	Part-2	5.00am - 6.00am
26-01-2021	Tuesday	BOTANY	Plant Growth and Development	Part-3&4	5.00am - 6.00am
27-01-2021	Wednesday	ZOOLOGY	Chemical Coordination & Integration	Part-1	5.00am - 6.00am
28-01-2021	Thursday	ZOOLOGY	Chemical Coordination & Integration	Part-2	5.00am - 6.00am
29-01-2021	Friday	ZOOLOGY	Chemical Coordination & Integration	Part-3	5.00am - 6.00am
01-02-2021	Monday	ZOOLOGY	Chemical Coordination & Integration	Part-4	5.00am - 6.00am
02-02-2021	Tuesday	ZOOLOGY	Chemical Coordination & Integration	Part-5	5.00am - 6.00am
03-02-2021	Wednesday	ZOOLOGY	Chemical Coordination & Integration	Part-6	5.00am - 6.00am
06-02-2021	Saturday	BOTANY	Anatomy of Flowering Plants	Part-1&2	5.00am - 6.00am

08-02-2021	Monday	BOTANY	Anatomy of Flowering Plants	Part-3	5.00am - 6.00am
09-02-2021	Tuesday	BOTANY	Anatomy of Flowering Plants	Part-4	5.00am - 6.00am
10-02-2021	Wednesday	BOTANY	Anatomy of Flowering Plants	Part-5	5.00am - 6.00am
11-02-2021	Thursday	BOTANY	Anatomy of Flowering Plants	Part-6	5.00am - 6.00am
12-02-2021	Friday	BOTANY	Anatomy of Flowering Plants	Part-7	5.00am - 6.00am

Before attending the class, please ensure that you have downloaded the NCERT& Lecture notes