

S.No.	Dispatch Dates	Physics	Chemistry		Botany	Zoology
1	PT-1 (NEET) 24-07-2018	Mathematical Tools, Rectilinear Motion (Distance, displacement, Velocity, Average velocity, Average acceleration, Motion with uniform acceleration Graphs, Motion under gravity with graphs)	Atomic Structure	IUPAC Nomenclature (Introduction of Organic Compounds, Hybridisation in carbon compounds, tetravalency of carbon, Bonding in organic compounds (Sigma and pi bonds), Structural representation of Organic Compounds, Some important definitions, Nomenclature of Alkane /Alkene/ Alkyne, Nomenclature of Cyclic Compounds, common naming of aliphatic compounds (iso, neo, etc.), Nomenclature of Organic Compounds with non chain Terminating functional group, (Ketone, Sulphonic acid, Alcohol), Nomenclature of Organic Compounds with non chain Terminating functional group, (All) two or more than two functional groups of same and different type)	Cell Biology (Cell : The Unit of life - Introduction, Cell Theory, Types of Cell, Structure of Prokaryotic cell, Cell wall, Cell membrane, Functions of cell membrane, Cell organelles - Plastids, Mitochondria)	Animal Kingdom – General Account & Non chordates (General Account, Basis of classification, Porifera, Cnidaria, Ctenophora, Platyhelminthes, Aschelminthes, Annelida)
2	CT-1 (NEET) 14-08-2018	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's law of Motion (NLM) (NLM 1st, 2nd, 3rd Law (Action Reaction), Free Body Diagrams)	Atomic Structure, Mole concept	IUPAC Nomenclature	Cell Biology (Cell : The Unit of life - Introduction, Cell Theory, Types of Cell, Structure of Prokaryotic cell, Cell wall, Cell membrane, Functions of cell membrane, Cell organelles - Plastids, Mitochondria, Endomembraneous system - (Endoplasmic reticulum), Golgi body, Lysosome, Ribosome, Centriole, Microbodies, Cytoskeleton structure (Cilia & Flagella), Nucleus, Chromosome)	Animal Kingdom – General Account & Non chordates (General Account, Basis of classification, Porifera, Cnidaria, Ctenophora, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Hemichordata)
3	PT-2 (AIIMS) 04-09-2018	NLM, Friction, Work, Power & Energy (WPE) (Definition of work & Calculation of work by constant force, W.D. By variable force, area under graph Spring force & work done by spring force, Kinetic energy & work energy Theorem)	Mole Concept	Basic Inorganic Nomenclature, Periodic table and properties	Cell Biology, Plant Diversity (Biological Classification) (Biological Classification- Introduction, Kingdom Monera)	Animal Kingdom – Chordates (Protochordata, Pisces, Amphibia, Reptilia, Aves, Mammalia, protozoa)
4	CT-2 (NEET) 25-09-2018	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of Mass (COM) (Calculation of COM of system of N particles, COM of continuous distributed mass, Ring, disc, sphere, Cavity concept (Negative Mass concept), Motion of COM, Linear momentum conservation)	Atomic Structure, Mole Concept & Gaseous State	Basic Inorganic Nomenclature, Periodic table and properties, Chemical Bonding (Types of bonding (Definitions of Ionic bond Covalent bond and Metallic bond), Octet rule, Limitations of octet rule, VBT, Co-valent Bond formation σ & π bond, Formal charge, Writing the Lewis dot structure, Writing resonating structures, finding average bond order, Stability of resonating structures, Finding bond order in oxoanions and their acids, VBT, overlapping of orbital)	Plant Diversity (Biological Classification), Plant Kingdom	Animal Kingdom, Biomolecules
5	PT-3 (NEET) 16-10-2018	Circular Motion, COM, Rigid Body Dynamics (RBD) (Definition and types of motion, Moment of Inertia, Moment of Inertia of continuous system, Theorems, Radius of gyration, Torque, point of application of force, Equilibrium, Rotation about fixed axis, Derivation of $t = I\alpha$, Angular momentum, Angular momentum conservation)	Thermodynamics, Gaseous State	Chemical Bonding (VSEPR, hybridisation)	Plant Kingdom, Plant Morphology (Root, Stem, Leaves)	Digestion and Absorption, Body Fluids & Circulation (Blood, Blood groups, Blood clotting)

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6	CT-3 (AIIMS) 12-11-2018	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, COM, RBD, Simple Harmonic Motion (SHM)	Atomic Structure, Mole Concept & Gaseous State, Thermodynamics	Nomenclature of Organic compounds, VBT, MOT and hydrogen bonding, Structural Isomerism	Plant Kingdom, Plant Morphology (Root, Stem, Leaves, Inflorescence, Flower - Calyx, Corolla, Androecium, Gynoecium, Fruits)	Animal Kingdom, Biomolecules, Digestion and Absorption, Body Fluids and Circulation
7	PT-4 (NEET) 27-11-2018	RBD, SHM, KTG & Thermodynamics (Ideal gas, various laws, Maxwell's law, internal energy, first law of thermodynamics, various process, Cal. of w, Du, Q for various process, Graphs, Cyclic process, efficiency, Free Expansion, specific heats, Examples on first Law of thermodynamics)	Thermodynamics, Chemical Equilibrium	Inductive effect, resonance, hyper conjugation	Plant Morphology, Plant Anatomy (Plant Tissues - Meristematic Tissue, Complex tissue - Phloem and xylem)	Excretory Products and their Elimination
8	CT-4 (NEET) 18-12-2018	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, KTG & Thermodynamics, Calorimetry and thermal expansion, String Wave (Definition, equation of pulse, travelling wave, Speed in string wave, Power, Intensity Superposition, Reflection, Interference)	Atomic Structure, Mole Concept, Gaseous State, Thermodynamics, Chemical Equilibrium & Ionic Equilibrium	Nomenclature of Organic compounds, VBT, MOT, and hydrogen bonding, Structural isomerism, Inductive effect, resonance, hyper conjugation, aromaticity, Application of Electronic Effect (Electron displacement in Organic Compounds (Inductive & Resonance Effect), Resonance and identification of delocalisation of electron, Resonance & Mesomeric Effect, Formation of Resonating structure and their stability, Resonance & Mesomeric Effect and its application, Hyperconjugation & Electromeric Effect, Determination of Aromaticity, Bond Fission, Reaction intermediates (carbocation, carbanion, Free Radical) and their stability, Rearrangement of carbocation, Acidic Strength (Acidity of Alcohol, Phenol, Acidity of Carboxylic Acids, benzoic acids ortho effect)	Plant Morphology, Plant Anatomy	Animal Kingdom, Biomolecules, Digestion and Absorption, Body Fluids and Circulation, Excretory Products and their Elimination, Locomotion and Movement
9	PT-5 (AIIMS) 08-01-2019	Calorimetry and Thermal Expansion, String Wave, Sound Wave, Fluid Mechanics	Ionic Equilibrium, Redox Reactions, s-Block	Basic Strength tautomerism, Hydrocarbon (Alkane)	Plant Physiology-II (Photosynthesis, Respiration (Respiration-Introduction, Glycolysis, Link reaction, Krebs's cycle)	Neural Control and Coordination
10	CT-5 (NEET) 29-01-2019	NLM, Friction, WPE, Circular Motion, Centre of Mass, Rigid Body Dynamics, SHM, KTG & Thermodynamics, Calorimetry & Thermal Expansion, String Waves, Sound waves, Fluid Mechanics, ELASTICITY AND VISCOSITY, Surface Tension, Unit & Dimension	Atomic Structure, Mole Concept, Gaseous State, Thermodynamics, Chemical Equilibrium, Ionic Equilibrium, Redox Reactions, s-Block	Nomenclature of Organic compounds, VBT, MOT and hydrogen bonding, Structural isomerism, Inductive effect, resonance, hyper conjugation, aromaticity, Application of Electronic Effect, Hydrocarbon (Alkane, Alkene)	Cell Biology, Plant Physiology-II (Photosynthesis, Respiration), Plant Physiology-I (Transport in plants)	Animal Kingdom, Biomolecules, Digestion and absorption, Body Fluids and Circulation, Excretory products and their Elimination, Locomotion and Movement, Neural Control and Coordination, Chemical Coordination and Integration, Structural Organisation in Animals
11	MT-1 (NEET) 19-02-2019	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
12	MT-2 (AIIMS) 26-02-2019	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus

➔ PT: Part Test ➔ CT: Cumulative Test ➔ MT: Major Test ➔ AIOT: All India Open Test