

Class XII/XIII, NEET/AIIMS All India Test Series Syllabus

S. No.	Test Dates	Test Code	Physics	Chemistry	Botany	Zoology	
1	23-Jul-17	PT-1 (NEET)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion	IUPAC Nomenclature, Structural Isomerism	Atomic Structure, Periodic Table	Plant Physiology - II (Cellular Respiration)	Breathing and Exchange of Gases
2	13-Aug-17	CT-1 (NEET)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's Laws of Motion (NLM), Friction, Work Power & Energy (WPE)	IUPAC Nomenclature, Structural Isomerism, Physical organic Chemistry (POC-I), Electronic Effect (Electron displacement in Organic Compounds (Inductive & Resonance Effect), effect, + I, - I, their order and applications, Resonance : Definition, condition and writing resonating structures, Stability of Reso. Struct., Resonance energy)	Atomic Structure, Periodic Table, Mole concept, Gaseous State	Cellular Respiration, Cell Biology - Cell - The unit of life	Breathing and Exchange of Gases, Digestion & Absorption
3	03-Sep-17	PT-2 (AIIMS)	Newton's Laws of Motion, Friction, Work Power & Energy, Circular Motion, Center of Mass (COM), Rigid Body Dynamics (RBD)	Application of electronic effect, Acidic strength, Stability of intermediate, Basic strength	Mole concept, Gaseous state, Chemical bonding	Cellular Respiration, Cell Biology , Genetics - Principle of Inheritance & variations (Introduction , Mendelism , Causes of mendel's success, Terminology of genetics , Monohybrid cross , Back cross , Test cross , Law of dominance , Law of segregation, Dihybrid cross and law of independent assortment , Exceptions of Mendel's law -- Incomplete dominance, co-dominance , Multiple allelism , pleiotropic gene, Gene interaction, Polygenic inheritance , Chromosomal theory of inheritance, Sex Determination)	Breathing and Exchange of Gases, Digestion and Absorption, Body fluids and circulation
4	24-Sep-17	CT-2 (NEET)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's Laws of Motion, Friction, Work Power & Energy, Circular Motion, Center of Mass, Rigid Body Dynamics, Simple Harmonic Motion (SHM), Geometrical Optics (Introduction, Laws of reflection, Problems based on laws of reflection, Problems based on relation between velocity of object and image, Number of images with by combination of two plane mirrors, Reflection through curve surface and Focal length of mirror, Problems based on ray diagram and Mirror formula, Examples on spherical mirror, Velocity of image and magnification, Refraction at plane surface, Slab and composite slab, Problems based on apparent depth and height, Problems of apparent shift, Total internal reflection, Prism, Refraction at spherical surface)	Application of electronic effect, Acidic strength, Stability of intermediate, Basic strength, Tautomerism, Stereoisomers (Geometrical isomerism, Optical isomerism)	Atomic Structure, Periodic Table, Mole concept, Gaseous State Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium	Cell Biology , Genetics	Human physiology upto Locomotion and Movement
5	15-Oct-17	PT-3 (NEET)	SHM, Geometrical Optics, Electrostatics (Electric Charge, Coulomb's Law, Electrostatic Equilibrium, Electric field, Electric field due to a point, Charge, line charge, ring, Electric field due to disc & Sheet, Electric field due to spherical, shell and solid sphere, Electric potential, Potential due to a point charge, Electric potential, Potential due to a point charge, Electric potential due to ring and disc, Electric potential due to hollow and solid sphere, Electric Potential difference, Equipotential surfaces)	Stereoisomers (GI, OI, conformation), Hydrocarbon (Alkane/ Alkene/Alkyne) (Preparation & chemical reaction of Alkane)	Chemical Equilibrium, Ionic Equilibrium, Coordination Compounds	Genetics - Molecular basis of Inheritance, Application Biology - Plant Breeding , Ecology - Organisms and Populations	Excretory Products and Their Elimination, Locomotion and Movement, Neural Control and Coordination
6	12-Nov-17	CT-3 (AIIMS)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, Geometrical Optics, Electrostatics, Gravitation	Stereoisomers (GI, OI, conformation), Hydrocarbon (Alkane/ Alkene/Alkyne) (Preparation & Chemical reaction of Alkane, Alkene, Alkyne)	Atomic Structure, Periodic Table, Mole concept, Gaseous State Chemical bonding, Chemical equilibrium, Ionic equilibrium, Coordination Compounds, Electrochemistry	Application Biology - Plant Breeding, Ecology - Organisms and Populations , Ecosystem , Environmental Issues	Human Physiology, Human Reproduction, Reproductive Health
7	03-Dec-17	PT-4 (NEET)	Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance, Units and Dimensions, Errors & Measurement	Reduction & Oxidation, Chemical reaction of GR, SN1 / SN2 / ArSN2 of Alkyl halide	Electrochemistry, Metallurgy, Surface Chemistry, p-Block Elements (Boron & Carbon Family), Solution & Colligative properties (Introduction to colligative properties; vant-Hoff factor, Vapour pressure of solutions of solids in liquids, Vapour Pressure, Completely miscible liquids: Raoult's law, Relative lowering of vapour pressure)	ECOLOGY - Biodiversity & conservation , Plant Morphology (Root, Stem, Leaves, Inflorescence, Flower upto calyx, Flower -- corolla , androecium , gynoecium, Fruit - Simple fruit & its types , Aggregate fruit, Composite fruits, Seed)	Chemical Coordination and Integration, Human Reproduction, Reproductive health, Evolution
8	24-Dec-17	CT-4 (NEET)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Capacitance, Heat Transfer, Electro Magnetic Effect (EMF), Electro Magnetic Induction (EMI), Alternating current (AC), Units & Dimension, Error Analysis & Measurement	Reduction & Oxidation, Chemical reaction of GR, SN1 / SN2 / ArSN2 / E1 / E2 of Alkyl halide, and Alcohol,	Atomic Structure, Periodic Table, Mole concept, Gaseous State Chemical bonding, Chemical Equilibrium, Ionic Equilibrium, Coordination compound, Electrochemistry, Metallurgy, Surface Chemistry, P-Block (B & C Family) (N & O Family), Solution & Colligative Properties	Plant Morphology, Families of flowering plants, Plant Anatomy	Human Physiology, Human Reproduction & Reproductive Health, Evolution, Health & disease,
9	14-Jan-18	PT-5 (AIIMS)	EMF, EMI, AC, Atomic Physics, Nuclear Physics, String Waves	Chemical reaction of Alcohol, Phenol, Aniline, Nitrobenzene	P-Block (B & C Family) (N & O Family), Solution & Colligative Properties , Thermodynamics	Plant Morphology, Families of flowering plants, Plant Anatomy , Plant physiology -II -Photosynthesis, Plant growth & development	Health and Disease, Biotechnology, Animal kingdom (General Account, Protozoa, Protozoa continued, Porifera, Cnidaria & Ctenophora)
10	28-Jan-18	AIOT (NEET)	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus
11	04-Feb-18	CT-5 (NEET)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Capacitance, Heat Transfer, EMF, EMI, AC, Atomic Physics, Nuclear Physics, String Waves, Sound Waves, Wave Optics, Fluid Mechanics, Units & Dimensions, Error Analysis & Measurement	Chemical reaction of Alcohol, Phenol, Aniline, Nitrobenzene, Chemical reaction of carbonyl compound	Atomic Structure, Periodic Table, Mole concept, Gaseous State Chemical bonding, Chemical Equilibrium, Ionic Equilibrium, Coordination Compounds, Electrochemistry, Metallurgy, Surface Chemistry, P-Block (B & C Family) (N & O Family), Solution & Colligative Properties, Thermodynamics, Chemical Kinetics, p-block (Halogen & Noble gas)	Plant physiology - I & II	Human Physiology, Human Reproduction & Reproductive Health, Evolution, Health & disease, Biotechnology, Animal Kingdom
12	25-Feb-18	AIOT (AIIMS)	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus
13	04-Mar-18	PT-6 (NEET)	Sound Waves, Wave Optics, Fluid Mechanics, KTG & Thermodynamics, Calorimetry, Thermal Expansion, Semiconductor Devices, EMW, Principle of Communication, Properties of Matter (Elasticity, Viscosity, Surface Tension)	Chemical reaction of carbonyl compound & carboxylic derivatives, Biomolecule, Polymer, Separation techniques	Chemical Kinetics , p-block (Halogen & Noble gas), Qualitative analysis, s-block	Plant Diversity - Living world, Biological Classification, Plant Kingdom, Reproduction in Flowering plants	Animal Kingdom, Structural Organization in Animals, Microbes in human welfare, Strategies for enhancement of food production
14	01-Apr-18	NPT-1 (NEET)	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus
15	15-Apr-18	NPT-2 (NEET)	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus
16	29-Apr-18	NPT-3 (NEET)	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus
17	13-May-18	APT-1 (AIIMS)	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus
18	20-May-18	APT-2 (AIIMS)	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus	FULL Syllabus