

NEET/AIIMS: TEST SYLLABUS FOR CLASS XI

Postal Dates	Test Code	Physics	Chemistry	Botany	Zoology	
19-Jul-17	PT-1 (NEET)	Mathematical Tool	Properties of elements in periodic table & General organic chemistry, Nomenclature of alkane	Atomic structure (History of Atom- Properties of Cathode & Anode rays, Discovery of Neutron, Charge and Mass of fundamental particles, Thomson & Rutherford's Model, Properties of Charge, Atomic No. / Mass No., Isotopes, Isobars, Isotones, Isoelectronic, Properties of waves, Electronic wave radiation, Quantum theory of Light, Photoelectric Effect & Blackbody radiation, Bohr atomic Model, Spectrum, Spectral Series, de-Broglie wavelength, Heisenberg's uncertainty principle, Quantum mechanical model of atom (introduction), Shapes of Orbitals, Node, Quantum numbers)	Cell Biology (Cell : The unit of life – Cell Theory, Types of Cells, Structure of Prokaryotic cell, Cell Wall, Cell Membrane, Cell Organelles- Plastids, Mitochondria)	Animal Kingdom (General Account, Basis of classification, Protozoa, Porifera, Cnidaria & Ctenophora, Platyhelminthes, Aschelminthes)
31-Jul-17	CT-1 (NEET)	Mathematical Tool, Rectilinear motion	Properties of elements in periodic table & General organic chemistry, Nomenclature of chain terminating functional group	Atomic structure, Chemical bonding (Types of bonding (Definitions of Ionic bond Covalent bond and Metallic bond), Octet rule, Limitations of octet rule)	Cell Biology	Animal Kingdom (General Account, Basis of classification, Protozoa, Porifera, Cnidaria & Ctenophora, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Hemichordata)
21-Aug-17	PT-2 (AIIMS)	Rectilinear motion, Projectile Motion, Relative motion, Newton's Laws of Motion (NLM)	Nomenclature of various functional group, Basic Inorganic nomenclature (BIN), Isomerism	Electronic Configuration, 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 s & p 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, VSEPR, VSEPRT)	Plant Diversity (Biological Classification)	Animal Kingdom (Chordates)
11-Sep-17	CT-2 (NEET)	Mathematical tool, Rectilinear Motion, Projectile motion, Relative Motion, Newton's Laws of Motion, Friction, Work Power & Energy (WPE)	Nomenclature of various functional group, BIN, Isomerism I-effect, resonance, mesomeric effect	Atomic structure, Chemical bonding	Plant Diversity (Biological Classification, Plant Kingdom)	Animal Kingdom, Biomolecules (Carbohydrates, Lipids, Protein, Nucleic Acids)
03-Oct-17	PT-3 (NEET)	Newton's Laws of Motion, Friction, Work Power & Energy, Circular motion, Center of Mass (COM)	Stability of intermediate, Acidic strength, Basic strength, Tautomerism	Chemical bonding, Mole Concept, Gaseous State (Boyle's law, Charles's law, Gay-Lussac's law, Avogadro's hypothesis, Ideal Gas Equation)	Plant Morphology, Plant Anatomy (Plant Tissues, Meristematic tissues, Simple permanent tissues)	Biomolecules, Digestion and Absorption
20-Nov-17	PT-4 (NEET)	Newton's Laws of Motion, Friction, Work Power & Energy, Circular motion, Center of Mass, Rigid Body Dynamics (RBD), Simple Harmonic Motion (SHM), KTG & Thermodynamics	Hydrocarbon (Alkene/alkane, Alkyne) Aromatic compound, Boron family	Gaseous State (Real gas), Thermodynamics	Plant Physiology-I (Mineral Nutrition), Plant Physiology-II-Photosynthesis (Photosynthesis-Introduction, Photosynthetic apparatus, Photosynthetic pigments, Mechanism of photosynthesis light reaction)	Body Fluids & Circulation, Excretory Products & their Elimination
19-Dec-17	CT-3 (NEET)	Newton's Laws of Motion, Friction, Work Power & Energy, Circular motion, Center of Mass, Rigid Body Dynamics, Simple Harmonic Motion, KTG & Thermodynamics, Calorimetry & Thermal exp, String waves	Hydrocarbon (Alkene/alkane, Alkyne), Aromatic compound, Boron family, Carbon family, Stereoisomers Geometrical Isomerism (G)	Atomic structure, Chemical bonding, Mole concept, Gaseous State, Thermodynamics, Chemical Equilibrium, Ionic Equilibrium (Type of electrolytes, Ostwald dilution law, acid base concepts, Properties of water, pH calculation (SA, SB, mixture of SA, mixture of SB, mixture of SA & SB, WA, WB), pH calculation (SA, SB, mixture of SA, mixture of SB, mixture of SA & SB, WA, WB), Salt hydrolysis (WA + SB, SA + WB, WA + WB))	Plant Physiology-II (Photosynthesis, Respiration), Plant Growth and Development (Various aspects of growth of plant, Auxin)	Animal Kingdom, Biomolecules, Digestion & Absorption, Breathing & Exchange of Gases, Body Fluids & Circulation, Excretory Products & their Elimination, Locomotion & Movement, Neural Control and Coordination (Divisions of human neural system, Transmission of impulse, Synapse, Meninges of Brain, Structure of Brain-forebrain, Brain, Midbrain, Hind brain, Spinal Cord, Reflex Action)
10-Jan-18	PT-5 (AIIMS)	Rigid Body Dynamics, Simple Harmonic Motion, KTG & Thermodynamics, Calorimetry & Thermal exp, String waves, Sound waves, Fluid Mechanics, Elasticity & Viscosity	Stereoisomers (GI), Optical Isomerism (OI)	Chemical Equilibrium, Ionic Equilibrium, Redox reactions	Plant Physiology-II, Plant growth and development, Living World, Plant Physiology-I-Transport in plants	PNS, ANS, Eyes, Ear, Chemical Coordination & Integration, protozoa, Structural organisation in animals
31-Jan-18	CT-4 (NEET)	Newton's Laws of Motion, Friction, Work Power & Energy, Circular motion, Center of Mass, Rigid Body Dynamics, Simple Harmonic Motion, KTG & Thermodynamics, Calorimetry & Thermal exp, String waves, Sound waves, Fluid Mechanics, Elasticity & Viscosity Surface Tension, Units & Dimensions	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
07-Feb-18	PT-6 (NEET)	Simple Harmonic Motion, KTG & Thermodynamics, Calorimetry & Thermal exp, String waves, Sound waves, Fluid Mechanics, Elasticity & Viscosity Surface Tension	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
14-Feb-18	MT-NEET	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
20-Feb-18	MT-AIIMS	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus