

NEET(UG) : Topic Wise Syllabus & Schedule

For : Leader Test Series/Joint Package (Class XII / XII Pass Students)

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	21/06/2026	MINORTEST - 1	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Basic Mathematics Used In Physics & Vectors, Unit , Dimensions and Measurement, Electrostatics, Experimental Skills : Vernier calipers-its use to measure the internal and external diameter and depth of a vessel, Screw gauge-its use to determine thickness/ diameter of thin sheet/wire
						Chemistry	Some Basic Concepts of Chemistry, Atomic Structure
						Biology	The living world, Biological Classification, Plant Kingdom, Animal Kingdom
2	19/07/2026	MINORTEST - 2	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Kinematics and Current Electricity, Experimental Skills : The resistivity of the material of a given wire using a metre bridge, The resistance of a given wire using Ohm's law
						Chemistry	Chemical Kinetics, Equilibrium
						Biology	Sexual reproduction in Flowering plants, Human Reproduction, Reproductive Health
3	02/08/2026	MINORTEST - 3	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Laws of Motion and Friction, Capacitor
						Chemistry	Periodic Table, Chemical bonding and Molecular Structure
						Biology	Anatomy of Flowering Plants , Morphology of Flowering Plants, Structural Organization in Animals (Animal tissues) Frog, Cockroach
4	16/08/2026	REVIEWTEST - 1	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Syllabus of Test No. 1,2 & 3 (Minor Test- 1 to 3)
						Chemistry	
						Biology	
5	30/08/2026	MINORTEST - 4	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Work, Energy & Power, Circular Motion, Magnetic Effect of Current and Magnetism, Experimental Skills: Resistance and Figure of merit of a galvanometer by half deflection method
						Chemistry	Solution, Electrochemistry, Principles related to practical chemistry : The chemistry involved in the titrimetric exercises – Acids, bases and the use of indicators, oxalic acid vs KMnO ₄ , Mohr's salt vs KMnO ₄ , Chemical principles involved in the following experiments: 1. Enthalpy of solution of CuSO ₄ 2. Enthalpy of neutralization of strong acid and strong base. 3. Preparation of lyophilic and lyophobic sols. 4. Kinetic study of the reaction of iodide ions with hydrogen peroxide at room temperature.
						Biology	Principles of Inheritance and Variation, Molecular Basis of Inheritance
6	13/09/2026	MINORTEST - 5	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Collisions & Centre of Mass, Electromagnetic Induction
						Chemistry	Chemical Thermodynamics, Redox Reaction
						Biology	Cell The Unit of Life, Biomolecules with Enzymes, Cell Cycle And Cell Division, Breathing And Exchange of Gases, Body Fluids And Circulation
7	27/09/2026	SEMI MAJORTEST - 1	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Syllabus of Test No. 1 to 6 (Minor Test- 1 to 5)
						Chemistry	
						Biology	
8	04/10/2026	MINORTEST - 6	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Rotational Motion, Alternating Current, Electromagnetic Waves, Experimental Skills : Metre Scale - the mass of a given object by the principle of moments
						Chemistry	p-Block Elements : Group 13 to Group 18 Elements, d and f blocks, Coordination Compounds, Principles related to practical chemistry : The chemistry involved in the preparation of the following: Inorganic compounds; Mohr's salt, potash alum., Chemical principles involved in the qualitative salt analysis: Cations – Pb ²⁺ , Cu ²⁺ , Al ³⁺ , Fe ³⁺ , Zn ²⁺ , Ni ²⁺ , Ca ²⁺ , Ba ²⁺ , Mg ²⁺ , NH ₄ ⁺ Anions - CO ₃ ²⁻ , S ²⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , NO ₂ ⁻ , Cl ⁻ , Br ⁻ , I ⁻ (Insoluble salts excluded).
						Biology	Biotechnology: Principles and Process, Biotechnology and its applications, Organisms And Populations, Ecosystem, Biodiversity and its Conservation

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9	25/10/2026	MINORTEST - 7	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Thermal Physics, Ray Optics and Optical Instruments, Experimental Skills : Specific heat capacity of a given solid and liquid by method of mixtures, The focal length of Convex mirror, Concave mirror and Convex lens using the parallax method, The plot of the angle of deviation vs angle of incidence for a triangular prism, Refractive index of a glass slab using a travelling microscope
						Chemistry	Nomenclature, Isomerism, General Organic Chemistry, Purification and Characterisation of Organic Compounds
						Biology	Neural Control And Coordination, Locomotion and Movement, Excretory Products And Their Elimination, Chemical Coordination and Integration
10	01/11/2026	MINORTEST - 8	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Properties of Matter and Fluid Mechanics, Wave Optics , Experimental Skills : Young's modulus of elasticity of the material of a metallic wire, Surface tension of water by capillary rise and effect of detergents, Co-efficient of Viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body
						Chemistry	Hydrocarbons, Organic Compounds Containing Halogens (Haloalkanes and Haloarenes)
						Biology	Evolution, Microbes In Human Welfare, Human Health And Disease
11	22/11/2026	REVIEWTEST - 2	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Syllabus of Test No. 8, 9 & 10 (Minor Test- 6 to 8)
						Chemistry	
						Biology	
12	06/12/2026	MINORTEST - 9	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Gravitation, Oscillations(SHM), Modern Physics-I(Dual nature of radiation and matter), Modern Physics-II(Nuclei) & Modern Physics-III (Atoms), Experimental Skills : Simple Pendulum-dissipation of energy by plotting a graph between the square of amplitude and time
						Chemistry	Organic Compounds Containing Oxygen and Organic Compounds Containing Nitrogen (Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids)
						Biology	Photosynthesis In Higher Plants, Respiration In Plants, Plant Growth And Development
13	20/12/2026	MINORTEST - 10	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Wave Motion, Semiconductor & Electronics, Experimental Skills : Speed of sound in air at room temperature using a resonance tube, Characteristic curves of a p-n junction diode in forward and reverse bias, Characteristic curves of a Zener diode and finding reverse breakdown voltage, Identification of Diode, LED, Resistor, A capacitor from a mixed collection of such items
						Chemistry	Biomolecules, Principles related to practical chemistry : Detection of extra elements (Nitrogen, Sulphur, halogens) in organic compounds; Detection of the following functional groups; hydroxyl (alcoholic and phenolic), carbonyl (Aldehyde and Ketones) carboxyl and amino groups in organic compounds ,The chemistry involved in the preparation of the following: Organic compounds: Acetanilide, p-nitroacetanilide, aniline yellow, iodoform
						Biology	Human Reproduction, Sexual Reproduction In Flowering Plants, Evolution (Origin and Evolution)
14	03/01/2027	SEMI MAJORTEST - 2	NEET(UG)	1 PM-4 PM	PEN PAPER	Physics	Syllabus of Test No. 8 to 13 (Minor Test- 6 to 10)
						Chemistry	
						Biology	

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MAJOR TEST

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	17/01/2027	MAJORTEST	Section-1 : (11 th Class Syllabus)	1 PM-4 PM	PEN PAPER	Physics	Basic Mathematics Used in Physics, Vectors, Dimentions, Kinematics, Laws of Motion and Friction, Work, Energy & Power, Circular Motion, Collisions and Centre of Mass, Rotational Motion, Gravitation, Thermal Physics, Properties of Matter and Fluid Mechanics, Oscillations, Wave Motion, Experimental Skills : Vernier calipers-its use to measure the internal and external diameter and depth of a vessel, Screw gauge-its use to determine thickness/ diameter of thin sheet/wire, Simple Pendulum-dissipation of energy by plotting a graph between the square of amplitude and time, Metre Scale - the mass of a given object by the principle of moments, Young's modulus of elasticity of the material of a metallic wire, Surface tension of water by capillary rise and effect of detergents, Co-efficient of Viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body, Speed of sound in air at room temperature using a resonance tube, Specific heat capacity of a given solid and liquid by method of mixtures
						Chemistry	Some Basic Concepts of Chemistry, Atomic Structure, Chemical Thermodynamics, Equilibrium, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, Redox Reactions, Organic Chemistry - Purification and Characterisation of Organic Compounds, Some Basic Principles of Organic Chemistry, Hydrocarbons
						Biology	The living World, Biological Classification, Plant Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants, Cell : The Unit of Life, Cell Cycle and Cell Division, Biomolecules with Enzymes, Respiration in Plants, Photosynthesis in Higher Plants, Plant Growth and Development, Structural Organisation in Animals, Frog, Cockroach, Animal Kingdom, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and their Elimination, Neural Control and Co-ordination, Chemical Coordination and Integration, Locomotion And Movement
2	07/02/2027	MAJORTEST	Section-2: (12 th Class Syllabus)	1 PM-4 PM	PEN PAPER	Physics	Electrostatics, Capacitor, Current Electricity, Magnetic Effect of Current and Magnetism, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics, Modern Physics, Semiconductor Electronic, Experimental Skills : The resistivity of the material of a given wire using a metre bridge, The resistance of a given wire using Ohm's law, Resistance and figure of merit of a galvanometer by half deflection method, The focal length of Convex mirror, Concave mirror and Convex lens using the parallax method, The plot of the angle of deviation vs angle of incidence for a triangular prism, Refractive index of a glass slab using a travelling microscope, Characteristic curves of a p-n junction diode in forward and reverse bias, Characteristic curves of a Zener diode and finding reverse break down voltage, Identification of Diode, LED, Resistor, A capacitor from a mixed collection of such items

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2	07/02/2027	MAJORTEST				Chemistry	Solutions, Electrochemistry, Chemical Kinetics, p-block Elements Group 13 to Group 18 Elements, d and f-Block Elements, Coordination Compounds, Organic Compounds Containing Halogens, Organic Compounds Containing Oxygen, Organic Compounds Containing Nitrogen, Biomolecules, Principles related to practical chemistry : The chemistry involved in the titrimetric exercises – Acids, bases and the use of indicators, oxalic acid vs KMnO ₄ , Mohr's salt vs KMnO ₄ , Chemical principles involved in the following experiments: 1. Enthalpy of solution of CuSO ₄ 2. Enthalpy of neutralization of strong acid and strong base. 3. Preparation of lyophilic and lyophobic sols. 4. Kinetic study of the reaction of iodide ions with hydrogen peroxide at room temperature. Principles related to practical chemistry : The chemistry involved in the preparation of the following: Inorganic compounds; Mohr's salt, potash alum., Chemical principles involved in the qualitative salt analysis: Cations – Pb ²⁺ , Cu ²⁺ , Al ³⁺ , Fe ³⁺ , Zn ²⁺ , Ni ²⁺ , Ca ²⁺ , Ba ²⁺ , Mg ²⁺ , NH ₄ ⁺ Anions – CO ₃ ²⁻ , S ²⁻ , SO ₄ ²⁻ , NO ³⁻ , NO ²⁻ , Cl ⁻ , Br ⁻ , I ⁻ (Insoluble salts excluded). Principles related to practical chemistry : Detection of extra elements (Nitrogen, Sulphur, halogens) in organic compounds; Detection of the following functional groups; hydroxyl (alcoholic and phenolic), carbonyl (aldehyde and ketones) carboxyl, and amino groups in organic compounds ,The chemistry involved in the preparation of the following: Organic compounds: Acetanilide, p-nitro acetanilide, aniline yellow, iodoform
						Biology	Sexual Reproduction in Flowering Plants, Principles of Inheritance and Variation, Molecular Basis of Inheritance, Biotechnology : Principles And Processes, Biotechnology And Its Applications, Microbes In Human Welfare, Organisms and Populations, Ecosystem, Biodiversity and Conservation, Human Reproduction, Reproductive Health, Evolution, Human Health and Disease
3	14/02/2027	MAJORTEST	NEET (UG)	1 PM-4 PM	PEN PAPER	Physics Chemistry Biology	Full Syllabus

Important: Dates of Remaining Major Tests will be Declared in the Month of Dec. 2026.

Note : 1. Number of tests, dates, timings and pattern may differ according to the dates of Main Exams declared by the exam governing body. | 2. Test syllabus may be change as per NTA/Exam governing body notification . | 3. Under any unforeseen circumstances, if it is not possible to conduct a test in **PEN PAPER** mode then the test will be available in **ONLINE CBT** mode (attempt test paper from home in online mode) as per the schedule.|4. DLP question paper & answer key will be available after completion the exam in PDF format (Downloadable & Printable Format).|5. If the Students are unable to attempt the exam on the pre-scheduled Test Dates due to late registration or absence can avail their missed exams as **Practice Tests** and will also get the All India Predicted Rank (PR) among the pool of students **after the declaration of AIR** for the particular test. | 6. **ALL INDIA OPENTEST** : AIOT provides vast exposure, ranking and analysis on the national level to compete with ALLEN'S current year Classroom students.

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