

Joint Package for NEET Carry Forward (Offline) for Class XII (2025-26)



Study Material Dispatch Schedule

| Dispatch | Dispatch Date | Day | Details |
|----------|---------------|-----------|-------------------------------------|
| 1 | 09-04-2025 | Wednesday | Study Package-1 (PCBZ) of Class XII |
| 2 | 23-04-2025 | Wednesday | Study Package-2 (PCBZ) of Class XII |
| 3 | 21-05-2025 | Wednesday | Study Package-3 (PCBZ) of Class XII |
| 4 | 16-07-2025 | Wednesday | Study Package-4 (PC) of Class XII |
| 5 | 06-08-2025 | Wednesday | Study Package-5 (PC) of Class XII |

Joint Package for NEET Carry Forward (Offline) for Class XII (2025-26)



Test Schedule for Class XII - CF

| Test | Date | Day | TOPIC |
|-------|------------|----------|---|
| UT -1 | 24-05-2025 | Saturday | Physics - Electric Charges and Fields, Electrostatic Potential and Capacitance Chemistry - Solutions Botany - Sexual Reproduction in Flowering Plants Zoology - Human Reproduction |
| UT -2 | 12-07-2025 | Saturday | Physics - Current Electricity, Moving Charges & Magnetism Chemistry - Electrochemistry, Chemical Kinetics Botany - Principles of Inheritance and Variation, Molecular Basis of Inheritance Zoology - Reproductive Health |
| UT-3 | 09-08-2025 | Saturday | Physics - Magnetism and Matter, Electromagnetic Induction, Alternating Current Chemistry - The d & f- Block Elements, Coordination Compounds Botany - Microbes in Human Welfare, Organisms and Populations Zoology - Human Health & Disease, Evolution |
| PT-1 | 28-08-2025 | Thursday | Test on Topics covered in Test -1 to Test -3 |
| UT-4 | 15-11-2025 | Saturday | Physics - Electromagnetic Waves, Ray Optics and Optical Instruments Chemistry - Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers Botany - Ecosystem, Biodiversity and Conservation Zoology - Biotechnology - Principles and Processes, Biotechnology and its Applications |
| UT-5 | 29-11-2025 | Saturday | Physics - Wave Optics, Dual Nature of Radiation and Matter, Atoms Chemistry - Aldehydes, Ketones and Carboxylic Acids, Amines Botany - Topics Covered in T 1 and T 2 Zoology - Topics Covered in T 1 and T 2 |
| UT-6 | 13-12-2025 | Saturday | Physics - Nuclei, Semiconductor Electronics: Materials, Devices and Simple Circuits, Communication Systems, Experimental Skills Chemistry - Biomolecules, The p-Block Elements (XII), Principles Related to Practical Chemistry Botany - Topics Covered in T 3 and T 4 Zoology - Topics Covered in T 3 and T 4 |
| PT-2 | 01-01-2026 | Saturday | Test on Topics covered in Test -4 to Test -6 |
| FST-1 | 21-03-2026 | Saturday | Complete Syllabus Test - NEET Pattern (Class XII) |
| FST-2 | 28-03-2026 | Saturday | Complete Syllabus Test - NEET Pattern (Class XI & XII) |
| FST-3 | 04-04-2026 | Saturday | Complete Syllabus Test - NEET Pattern (Class XI & XII) |
| FST-4 | 11-04-2026 | Saturday | Complete Syllabus Test - NEET Pattern (Class XI & XII) |
| FST-5 | 18-04-2026 | Saturday | Complete Syllabus Test - NEET Pattern (Class XI & XII) |
| FST-6 | 25-04-2026 | Saturday | Complete Syllabus Test - NEET Pattern (Class XI & XII) |

Joint Package for NEET Carry Forward (Offline) for Class XII (2025-26)



NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|------------------------|--|
| 1 | Physics Daily Test-1 | Electric Charges & Fields:- Introduction, Electric charges, Conductors and insulators, Charging by induction, Basic properties of electric charges. |
| 2 | Chemistry Daily Test-1 | Solutions:- Types of solutions, Expressing concentration of solutions. Solubility of a solid in a liquid and gas in a liquid (Henry-law), Vapour pressure of liquid solutions, Raoult's law for binary solutions. Ideal and non-ideal solutions. |
| 3 | Botany Daily Test-1 | Sexual Reproduction in Organisms:- Introduction, Flower - A fascinating organ of angiosperms, Pre-fertilization - structures and events - Stamen, Microsporangium, Microsporogenesis. |
| 4 | Zoology Daily Test-1 | Human Reproduction:- Sex organs, Male reproductive system: Testes, Epididymis, Vas deferens, Penis, Accessory glands of male reproductive system, Seminal plasma and semen. |
| 5 | Physics Daily Test-2 | Electric Charges & Fields:- Coulomb's law, Force between multiple charges. |
| 6 | Chemistry Daily Test-2 | Solutions:- Colligative properties and determination of molar mass: Relative lowering of vapour pressure, Elevation of boiling point, depression of freezing point, Osmosis and osmotic pressure, reverse osmosis, Abnormal molar masses and van't Hoff factor. |
| 7 | Botany Daily Test-2 | Sexual Reproduction in Organisms:- Pollen grain, Development of male gametophyte, The pistil, Megasporangium (ovule), Types of ovules. |
| 8 | Zoology Daily Test-2 | Human Reproduction:- Structure of female reproductive system, Fallopian tubes, uterus, Vagina, Female External genitalia and Accessory genital glands. |
| 9 | Physics Daily Test-3 | Electric Charges & Fields:- Electric Field, Electric field due to system of charges. |
| 10 | Chemistry Daily Test-3 | Electrochemistry:- Electrochemical cells, Galvanic cells: S.H.E and measurement of electrode potential, Nernst equation. |
| 11 | Botany Daily Test-3 | Sexual Reproduction in Organisms:- Megasporeogenesis, Embryo sac/Female gametophyte development, Pollination: Objective, Kinds - Autogamy, Geitonogamy, Xenogamy, Agents of pollination - Wind, Water, Insects. |
| 12 | Zoology Daily Test-3 | Human Reproduction:- Structure of Mammary glands, Spermatogenesis and its hormonal control, Structure of mature sperm. |
| 13 | Physics Daily Test-4 | Electric Charges & Fields:- Electric field lines, Electric Dipole, Dipole in a uniform external field. |
| 14 | Chemistry Daily Test-4 | Electrochemistry:- Equilibrium constant from Nernst equation, Gibbs free energy and electrochemical cell and Gibb's energy of the reaction. |
| 15 | Botany Daily Test-4 | Sexual Reproduction in Organisms:- Outbreeding devices, Pollen-pistil interaction, Double fertilization, Post-fertilization structures and events - Endosperm. |
| 16 | Zoology Daily Test-4 | Human Reproduction:- Oogenesis and structure of ovum & ovary. |

Joint Package for NEET Carry Forward (Offline) for Class XII (2025-26)



NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|------------------------|--|
| 17 | Physics Daily Test-5 | Electric Charges & Field:- Electric flux, Gauss's Law, Application of Gauss's law. |
| 18 | Chemistry Daily Test-5 | Electrochemistry:- Conductance of electrolytic solutions, measurement of the conductivity of ionic solutions, Variation of conductivity and molar conductivity with dilution in case of strong electrolyte and weak electrolyte. Kohlrausch law. |
| 19 | Botany Daily Test-5 | Sexual Reproduction in Organisms:- Embryo development, Post fertilization, structure and events - Seed, Fruit; Apomixis and Polyembryony. |
| 20 | Zoology Daily Test-5 | Human Reproduction:- Menstrual cycle: Various events and its hormonal control, Capacitation and acrosomal reactions, Fertilisation fast block and slow block to prevent polyspermy, Embryonic development cleavage, morula, blastula and implantation. |
| 21 | Physics Daily Test-6 | Electrostatic Potential and Capacitance:- Introduction, electrostatic potential, potential due to a point charge, Potential due to different charge system, potential due to a system of charges. |
| 22 | Chemistry Daily Test-6 | Electrochemistry:- Electrolytic cells and electrolysis: Faraday laws of electrolysis. Products of electrolysis, Batteries: Primary and secondary batteries fuel cells. Corrosion. |
| 23 | Botany Daily Test-6 | Principles of Inheritance & Variation:- Mendel's laws of inheritance - Dominance, Segregation, Explanation of the concept of dominance, Incomplete and co-dominance. |
| 24 | Zoology Daily Test-6 | Human Reproduction:- Gastrulation, fate of three germinal layers, Pregnancy and embryonic development, Major features, function and types of placenta, Parturition and lactation. |
| 25 | Physics Daily Test-7 | Electrostatic Potential and Capacitance:- Equipotential surfaces, Potential energy of a system of charges, Potential energy in an external field. |
| 26 | Chemistry Daily Test-7 | Chemical Kinetics:- Rate of a chemical reaction. Factors influencing rate of reactions. Rate expression and rate constant, Order and molecularity of a reaction, Integrated rate equations for zero and first order reactions, Half-life of a reaction. |
| 27 | Botany Daily Test-7 | Principles of Inheritance & Variation:- Multiple alleles, Pleiotropy, Inheritance of two genes, Law of independent assortment, Complementary genes, Duplicate genes, Epistasis, Polygenic inheritance, Chromosomal theory of inheritance. |
| 28 | Zoology Daily Test-7 | Reproductive Health:- Reproductive Health, Problems & Strategies, Population explosion, Human population growth. |
| 29 | Physics Daily Test-8 | Electrostatic Potential and Capacitance:- Electrostatics of conductors, dielectrics and polarization. |
| 30 | Chemistry Daily Test-8 | Chemical Kinetics:- Pseudo first order reaction, Temperature dependence of the rate of a reaction. |

Joint Package for NEET Carry Forward (Offline) for Class XII (2025-26)



NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|-------------------------|---|
| 31 | Botany Daily Test-8 | Principles of Inheritance & Variation:- Linkage and recombination, Sex determination, Mutations - Gene mutation, Mutations - Chromosomal aberrations, Genomatic mutation. |
| 32 | Zoology Daily Test-8 | Reproductive Health:- Methods of Birth control, Medical termination of pregnancy (MTP). |
| 33 | Physics Daily Test-9 | Electrostatic Potential and Capacitance:- Capacitors and capacitance, The parallel plate capacitor, Effect of dielectrics on capacitance. |
| 34 | Chemistry Daily Test-9 | Chemical Kinetics:- Effect of catalyst, Collision theory of chemical reactions & Assignments. |
| 35 | Botany Daily Test-9 | Principles of Inheritance & Variation:- Pedigree analysis, Cytoplasmic inheritance, Genetic disorders - Mendelian and Chromosomal disorders. |
| 36 | Zoology Daily Test-9 | Reproductive Health:- STI (Venereal Diseases), Infertility, ART (Assisted reproductive technology). |
| 37 | Physics Daily Test-10 | Electrostatic Potential and Capacitance:- Combination of capacitors, Energy stored in a capacitor, Van de Graff Generator. |
| 38 | Chemistry Daily Test-10 | p-Block Elements:- Group-15: N ₂ , NH ₃ , Oxides of Nitrogen, HNO ₃ , P-Allotropic forms, Ph ₃ . |
| 39 | Botany Daily Test-10 | Molecular Basis of Inheritance:- Introduction, The DNA-structure of polynucleotide chain, Derivation of DNA structure, DNA packaging in prokaryotes. |
| 40 | Zoology Daily Test-10 | Evolution: Origin of universe (Big bang theory) Solar system, Theories of origin of life: Panspermia theory, Abiogenesis theory, Theory of biogenesis, Chemical origin of life, Stanley Miller's experiment, Prebiotic system coacervate and microsphere, Geological time scale. |
| 41 | Physics Daily Test-11 | Current Electricity:- Introduction, Electric current, Electric currents in conductors. Ohm's law, Drift of electrons and the origin of resistivity, Limitations of Ohm's law, Resistivity of various material, Temperature dependence of resistivity, Electrical energy power. |
| 42 | Chemistry Daily Test-11 | p-Block Elements:- Ozone, Sulphur-Allotropic forms, Phosphorus halides, oxoacids of phosphorus, Group 16: O ₂ , simple oxides, compounds of sulphur. |
| 43 | Botany Daily Test-11 | Molecular Basis of Inheritance:- Packaging in eukaryotes, The search for genetic material, Transforming principle, Evidence from experiments with bacteriophage, Properties of genetic material, RNA world, Replication of DNA - The experimental proof, The machinery and enzymes |

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NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|-------------------------|--|
| 44 | Zoology Daily Test-11 | Evolution: Evidences of evolution - Palaeontological, Theories & Evidences:- Morphological and anatomical evidences of evolution-Homologous, analogous, Vestigial organs, Evidences from: Connecting links, Embryological evidences, Biogeographical evidences, Adaptive radiation, Lamarck's theory, Darwin's theory-Darwin novelty. |
| 45 | Physics Daily Test-12 | Current Electricity:- Combination of resistors, series and parallel. |
| 46 | Chemistry Daily Test-12 | p-Block Elements:- Group 17 elements: Compounds of chlorine, oxoacids of halogens, interhalogen compounds. Group-18: Physical properties of Inert gases, Xenon compounds. |
| 47 | Botany Daily Test-12 | Molecular Basis of Inheritance:- Transcription - Transcription unit, Types of RNAs, Process of Transcription in prokaryotes, Transcription in Eukaryotes |
| 48 | Zoology Daily Test-12 | Evolution: Mutation theory, Hardy Weinberg principle: Gene flow, Gene migration, Genetic drift, Mutation, genetic Recombination, Natural selection, |
| 49 | Physics Daily Test-13 | Current Electricity:- Cells, emf. Internal resistance, cells in series and in parallel. |
| 50 | Chemistry Daily Test-13 | d & f-Block Elements:- General properties of d-block elements, Preparation and properties and uses of KMnO_4 and $\text{K}_2\text{Cr}_2\text{O}_7$. |
| 51 | Botany Daily Test-13 | Molecular Basis of Inheritance:- Genetic code - Salient features, t-RNA - The adapter molecule, Translation. |
| 52 | Zoology Daily Test-13 | Evolution: Speciation: Allopatric and sympatric, Brief account of evolution: Evolution of plant forms, Evolutionary history of vertebrates through geological period. |
| 53 | Physics Daily Test-14 | Current Electricity:- Kirchhoff's laws and its application. |
| 54 | Chemistry Daily Test-14 | d & f-Block Elements:- f-Block elements (General characteristic) and Lanthanoids contraction, The actinoids and some application of d and f block elements. |
| 55 | Botany Daily Test-14 | Molecular Basis of Inheritance:- Regulation of gene expression, Operon concept, Human genome project - Goals, Methodologies, Salient features, Applications and Future challenges, DNA fingerprinting. |
| 56 | Zoology Daily Test-14 | Evolution: Human evolution, Prior to Ape man, Ape man to prehistoric man, Prehistoric to modern man. |

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NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|-------------------------|--|
| 57 | Physics Daily Test-15 | Current Electricity:- Wheatstone bridge, Meter Bridge. |
| 58 | Chemistry Daily Test-15 | Coordination Compounds:- Werner's theory of coordination compounds, Definition of some important terms pertaining to coordination compounds, Nomenclature of coordination compounds, Isomerism in coordination compounds. |
| 59 | Botany Daily Test-15 | Microbes in Human Welfare:- Introduction, Microbes in household products, Industrial products. |
| 60 | Zoology Daily Test-15 | Human Health & Disease:- Health-Variety types of diseases in Human-Bacterial, Viral, Fungal: Ringworms, Helminthic: Ascariasis, Elephantiasis. |
| 61 | Physics Daily Test-16 | Moving Charges and Magnetism:- Introduction, Magnetic force, Motion in a magnetic field, Motion in combined Electric and Magnetic fields. |
| 62 | Chemistry Daily Test-16 | Coordination Compounds:- Valence bond theory of complex compounds, Crystal field theory colour of coordination complexes, Bonding in metal carbonyls & organometallics, Stability of coordination compounds, Importance & Application of coordination compounds. |
| 63 | Botany Daily Test-16 | Microbes in Human Welfare:- Microbes in sewage treatment, Biogas production, Biocontrol agents, Biofertilizers. |
| 64 | Zoology Daily Test-16 | Human Health & Disease:- Protozoan: Life cycle of Plasmodium vivax and Entamoeba histolytica, Types of Immunity-Innate and acquired, Humoral mediated Immunity. |
| 65 | Physics Daily Test-17 | Moving Charges and Magnetism:- Biot-savart's law, Magnetic field on the axis of a circular current loop, Cyclotron, Magnetic field due to a current element. |
| 66 | Chemistry Daily Test-17 | Haloalkanes and Haloarenes:- Classification of Halogen compounds, Nomenclature of Halogen compounds, Nature of C-X bond and methods of preparation of Haloalkanes & Haloarenes, Physical properties of Haloalkanes, optical activity, Nucleophilic substitution reactions of haloalkanes. |
| 67 | Botany Daily Test-17 | Organisms and Populations:- Introduction, Levels of organisation, Major Biomes, Abiotic Factors - Temperature, Light, Water, Soil, Response to Abiotic Factors, Adaptations. |
| 68 | Zoology Daily Test-17 | Human Health & Disease:- Cell Mediated Immunity, Active & Passive Immunity, Vaccination and Immunisation, Allergies, Autoimmunity, Immune system of the body, Lymphoid organs: Primary and Secondary. |

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NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|-------------------------|---|
| 69 | Physics Daily Test-18 | Moving Charges and Magnetism:- Ampere' Circuital Law, The solenoid and the toroid, Force between two parallel currents, the ampere. |
| 70 | Chemistry Daily Test-18 | Haloalkanes and Haloarenes:- Elimination reactions in haloalkanes, Elimination versus substitution, Reactions of R-X with Na. |
| 71 | Botany Daily Test-18 | Organisms and Populations:- Population - Characteristics, Growth, Growth models, Population interactions. |
| 72 | Zoology Daily Test-18 | Human Health & Disease:- AIDS-Cause, Detection, Symptoms, Prevention. |
| 73 | Physics Daily Test-19 | Moving Charges and Magnetism:- Torque on current loop, Magnetic dipole, Moving coil Galvanometer. |
| 74 | Chemistry Daily Test-19 | Haloalkanes and Haloarenes:- Aromatic nucleophilic substitution, Elimination addition Reaction, Electrophilic substitution of ArX, Polyhalogen compounds. |
| 75 | Botany Daily Test-19 | Ecosystem:- Introduction, Types of Ecosystem, Components of Ecosystem, Ecosystem Structure, Productivity and decomposition. |
| 76 | Zoology Daily Test-19 | Human Health & Disease:- Cancer-Causes, detection & diagnosis, Treatment. |
| 77 | Physics Daily Test-20 | Magnetism and Matter:- Introduction, The bar magnet, Magnetism and Gauss's Law. |
| 78 | Chemistry Daily Test-20 | Alcohols, Phenols and Ethers:- Common and IUPAC names of alcohols and ethers, Preparation of aliphatic alcohols. |
| 79 | Botany Daily Test-20 | Ecosystem:- Energy flow, Ecological pyramids |
| 80 | Zoology Daily Test-20 | Human Health & Disease:- Alcohol and Tobacco Opioids, Cannabinoids, Sedatives, Hallucinogens, Stimulants, Adolescence, Addiction & dependence, Effects of drugs & alcohol abuse, Prevention & control. |
| 81 | Physics Daily Test-21 | Magnetism and Matter:- Tangent Law and its applications, Magnetization and magnetic intensity, Magnetic properties of materials, Permanent magnets and electromagnets. |
| 82 | Chemistry Daily Test-21 | Alcohols, Phenols and Ethers:- Preparation of aromatic alcohols and Physical properties, Chemical reactions of alcohols, phenols. |

Joint Package for NEET Carry Forward (Offline) for Class XII (2025-26)



NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|-------------------------|---|
| 83 | Botany Daily Test-21 | Biodiversity and Conservation:- Introduction, Levels of biodiversity, How many species are there on earth and how many in India?, Patterns of biodiversity, Importance of biodiversity to the ecosystem. |
| 84 | Zoology Daily Test-21 | Biotechnology-Principles and Processes:- Biotechnology-Principles, Tools of recombinant DNA technology. |
| 85 | Physics Daily Test-22 | Electromagnetic induction:- Introduction, the experiments of Faraday and Henry, Magnetic Flux, Faraday's laws of induction, Lenz's law and conservation of energy, Motional electromotive force. |
| 86 | Chemistry Daily Test-22 | Alcohols, Phenols and Ethers:- Preparation of ethers, Physical properties of ethers, Chemical properties of ethers, Some commercially important alcohols and ethers. |
| 87 | Botany Daily Test-22 | Biodiversity and Conservation:- Loss of biodiversity and its conservation. |
| 88 | Zoology Daily Test-22 | Biotechnology- Principles and Processes:- Separation and Isolation of DNA fragments Cloning vectors, Competent host, Processes of recombinant DNA technology. |
| 89 | Physics Daily Test-23 | Electromagnetic induction:- Energy consideration, A quantitative study Eddy currents, Electromagnetic induction:- Inductance. |
| 90 | Chemistry Daily Test-23 | Aldehydes, Ketones and Carboxylic Acids:- Nomenclature of Aldehydes and Ketones. Structure of carbonyl group, Preparation of Aldehydes & Ketones, Physical properties of aldehydes and ketones. Nucleophilic addition reactions, Nucleophilic addition reaction followed by elimination, Reduction & oxidation reactions of aldehydes & ketones. |
| 91 | Zoology Daily Test-23 | Biotechnology and its Applications:- Biotechnological applications in agriculture-Bt cotton, Pest resistant plants. |
| 92 | Physics Daily Test-24 | Alternating Current:- Introduction AC voltage applied to a resistor representation of AC current and voltage by rotating vectors -phasors, AC voltage applied to an inductor, AC voltage applied to a capacitor. |
| 93 | Chemistry Daily Test-24 | Aldehydes, Ketones and Carboxylic Acids:- Halogenation & Reaction with alkalis, Nomenclature of carboxylic acids, Preparation of carboxylic acids, Physical & Chemical properties of Carboxylic acids. |
| 94 | Zoology Daily Test-24 | Biotechnology and its Applications:- Biotechnological applications in medicine-Genetically engineered insulin, Gene Therapy, Molecular Diagnosis. |
| 95 | Physics Daily Test-25 | Alternating Current:- AC voltage applied to a series LCR circuit, Power in AC circuit. The power factor, transformers. |

Joint Package for NEET Carry Forward (Offline) for Class XII (2025-26)



NCERT Practice Test Schedule & Syllabus

| Sr.No. | Test Name | Test Syllabus - Class XII |
|--------|-------------------------|---|
| 96 | Chemistry Daily Test-25 | Amines:- Amines: Structure, Nomenclature and preparation of amines. |
| 97 | Zoology Daily Test-25 | Biotechnology and its Applications:- Transgenic Animals, Ethical Issues, Biopiracy. |
| 98 | Physics Daily Test-26 | Electromagnetic Waves:- Introduction, Displacement currents, Electromagnetic waves, Electromagnetic spectrum. |
| 99 | Chemistry Daily Test-26 | Amines:- Chemical reactions of aliphatic and aromatic amines; Diazonium salts. |
| 100 | Physics Daily Test-27 | Ray Optics & Optical Instruments:- Introduction, Reflection of light spherical mirrors, Refraction. |
| 101 | Chemistry Daily Test-27 | Biomolecules:- Carbohydrates, Amino acids. |
| 102 | Physics Daily Test-28 | Ray Optics & Optical Instruments:- Total internal reflection, Refraction at spherical surface, Refraction through lenses. |
| 103 | Physics Daily Test-29 | Ray Optics & Optical Instruments:- Refraction through a prism, Dispersion by prism, some natural phenomena due to sunlight, Optical instruments - The eye, microscope. |
| 104 | Physics Daily Test-30 | Ray Optics & Optical Instruments:- Optical instruments - Telescope, microscope. |
| 105 | Physics Daily Test-31 | Wave Optics:- Introduction, Huygens Principle, Refraction and Reflection of plane waves using Huygens principle, Coherent and incoherent addition of waves, Interference of light waves, Young's experiment. |
| 106 | Physics Daily Test-32 | Wave Optics:- Diffraction, Polarization. |
| 107 | Physics Daily Test-33 | Dual Nature of Radiation and Matter:- Introduction, electron emission, photoelectric effect, experimental study of photoelectric effect, photoelectric effect and wave theory of light Einstein's photoelectric equation, energy quantum of radiation, particle nature of light the photons. |
| 108 | Physics Daily Test-34 | Dual Nature of Radiation and Matter:- Wave nature of matter, Davisson and Germer Experiment. |
| 109 | Physics Daily Test-35 | Atoms:- Introduction, alpha particle scattering and Rutherford's nuclear model of atom, Atomic spectra, Bohr model of the hydrogen atom, the line spectra of the hydrogen atom, de Broglie's explanation of Bohr's second postulate quantization. |
| 110 | Physics Daily Test-36 | Nuclei:- Introduction, Atomic masses and composition of nucleus, size of the nucleus, Mass energy and nuclear binding energy, Nuclear force, Radioactivity, Nuclear energy. |
| 111 | Physics Daily Test-37 | Semiconductor:- Introduction, Classification of metals conductors and semiconductors, Intrinsic semiconductor, Extrinsic semiconductors P - N, semiconductor diode. |
| 112 | Physics Daily Test-38 | Semiconductor:- Application of junction diode as a rectifier special purpose P-N junction diodes. |

AIATS SCHEDULE FOR CLASS XII

STUDYING STUDENTS (2025-26)

CARRY FORWARD (NEET-2026)

| Test No. | Test Date | Date of Display of Answer Key | Result Declaration Date | Subject | Topics |
|----------|------------|-------------------------------|-------------------------|---------|--|
| 1. | 20.07.2025 | 22.07.2025 | 25.07.2025 | Phy. | Electric Charges and Fields, Electrostatic Potential and Capacitance |
| | | | | Chem. | Solutions, Electrochemistry |
| | | | | Bio. | Sexual Reproduction in Flowering Plants, Human Reproduction |
| 2. | 05.10.2025 | 07.10.2025 | 10.10.2025 | Phy. | Current Electricity, Moving Charges and Magnetism, Magnetism and Matter, Electromagnetic Induction |
| | | | | Chem. | Chemical Kinetics, The d- & f-Block Elements, Coordination Compounds |
| | | | | Bio. | Principles of Inheritance and Variation, Molecular Basis of Inheritance, Reproductive Health, Evolution |
| 3. | 09.11.2025 | 11.11.2025 | 14.11.2025 | Phy. | Alternating Current, Electromagnetic Wave, Ray Optics & Optical instruments, Wave Optics |
| | | | | Chem. | Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids |
| | | | | Bio. | Microbes in Human Welfare, Organisms and Populations, Human Health & Disease |
| 4. | 07.12.2025 | 09.12.2025 | 12.12.2025 | Phy. | Dual Nature of Radiation and Matter, Atoms, Nuclei, Semiconductors, Experimental Skills |
| | | | | Chem. | Amines, Biomolecules, The p-block elements (Group-15 to 18), Principles Related to Practical Chemistry |
| | | | | Bio. | Ecosystem, Biodiversity and Conservation, Biotechnology: Principles and Processes, Biotechnology and Its Applications |
| 5. | 28.12.2025 | 30.12.2025 | 02.01.2026 | Phy. | Units & Measurements, Motion in a Straight Line, Motion in a Plane |
| | | | | Chem. | Some Basic Concept of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure. |
| | | | | Bio. | Cell: The Unit Life, Cell Cycle & Cell division, The Living World, Structural Organisation in Animals: Animal Tissues only, Biomolecules |
| 6. | 11.01.2026 | 13.01.2026 | 16.01.2026 | Phy. | Laws of Motion, Work, Energy and Power, System of Particles & Rotational Motion |
| | | | | Chem. | Thermodynamics, Equilibrium |
| | | | | Bio. | Biological Classification, Morphology of Flowering Plants Breathing & Exchange of Gases, Body Fluids and Circulation, Excretory Products and Their Elimination |

| Test No. | Test Date | Date of Display of Answer Key | Result Declaration Date | Subject | Topics |
|----------|------------|-------------------------------|-------------------------|---------|---|
| 7. | 25.01.2026 | 27.01.2026 | 30.01.2026 | Phy. | Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids, Thermal Properties of Matter |
| | | | | Chem. | Redox Reactions, Some p-block Elements (Group-13 & 14), Equilibrium |
| | | | | Bio. | Anatomy of Flowering Plants, Plant Kingdom, Locomotion and Movement, Neural Control and Coordination, Chemical Coordination and Integration |
| 8. | 08.02.2026 | 10.02.2026 | 13.02.2026 | Phy. | Thermodynamics, Kinetic Theory, Oscillations and Waves |
| | | | | Chem. | Organic Chemistry: Some Basic Principles & Techniques, Hydrocarbons |
| | | | | Bio. | Photosynthesis in higher plants, Respiration in plants, Plant Growth and Development, Animal Kingdom and Structural Organisation of Animals: Animal Morphology (Cockroach & Frog) |
| 9. | 22.03.2026 | 24.03.2026 | 27.03.2026 | PCB | Open Mock Test on Complete Syllabus of NEET-2026 |
| 10. | 29.03.2026 | 31.03.2026 | 03.04.2026 | PCB | Open Mock Test on Complete Syllabus of NEET-2026 |
| 11. | 05.04.2026 | 07.04.2026 | 10.04.2026 | PCB | Open Mock Test on Complete Syllabus of NEET-2026 |
| 12. | 12.04.2026 | 14.04.2026 | 17.04.2026 | PCB | Open Mock Test on Complete Syllabus of NEET-2026 |
| 13. | 19.04.2026 | 21.04.2026 | 24.04.2026 | PCB | Open Mock Test on Complete Syllabus of NEET-2026 |
| 14. | 26.04.2026 | 28.04.2026 | 01.05.2026 | PCB | Open Mock Test on Complete Syllabus of NEET-2026 |

Test Duration : 180 Minutes



Note:

The AIATS tests will primarily be conducted in offline mode between 10:00 A.M. and 01:00 PM. For the students who will attempt it online, the following guidelines will apply.

- On the scheduled test day, AIATS will be available on MyAakash for classroom students and on iTutor for DLP students.
- Test Timings (for online mode):**
 - MyAakash : Students can start the test between 10:00 A.M. and 11:00 A.M. on the test day.
 - iTutor : Students can start the test between 1:00 A.M. and 10:00 P.M. on the test day.
- After these time slots, students will no longer be able to attempt the test for an All India Rank. However, they may still take the test later, but only to receive a reference ranking.
- Test timings are subject to change, so students should verify the schedule with their respective Centre/DLP department before the exam date.
- If the test is conducted in offline mode, the venue may change on short notice.



Aakash
Medical | IIT-JEE | Foundations

Summary for Class XI & XII

JOINT PACKAGE (OFFLINE)

| Year Syllabus | Class XI & XII |
|----------------------|----------------|
| AIATS | 14 |
| Unit Tests | 11 |
| Part Tests | 4 |
| Full Syllabus Tests | 6 |
| No. of Books | 17 |
| NCERT Practice Tests | 269 |