Aakash
Medical | IIT-JEE | Foundations
(Divisions of Aakash Educational Services Limited)

Scholar's Package

Detailed Test Planner
XII-NEET

Daily Practice Test Planner

Comprehensive Test Planner

All-in-one Planner

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AAKASH TEST PLANNER — DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS-XII (MEDICAL)

Test Date	Test Name and No.	Test Syllabus
10 May 2021	Physics Daily Test 01	Electric Charges & Field:-Introduction, Electric charges, Conductors and insulators
11 May 2021	Chemistry Daily Test 01	Solid State: General characteristics of solid-state, Amorphous and crystalline solids. Classification of crystalline solids : Molecular, ionic, metallic and covalent solids
12 May 2021	Botany Daily Test 01	Reproduction in Organisms:-Life span, Basic features of reproduction, Asexual reproduction-Features, Methods (Binary fission, Budding, Sporulation).
	Zoology Daily Test 01	Reproduction in Organisms:-Average & maximum life span, Life expectancy, population growth, Types of Reproduction–Asexual reproduction: Fission (binary & multiple), Budding (internal & external), Fragmentation Regeneration.
13 May 2021	Physics Daily Test 02	Electric Charges & Field:-Charging by induction, Basic properties of electric charges
15 May 2021	Chemistry Daily Test 02	Solid State: Crystal lattices and unit cells : Primitive and centered unit cells, Number of atoms in simple cubic, body centered and face centered cubic unit cell
17 May 2021	Botany Daily Test 02	Reproduction in Organisms:-Vegetative propagation - Natural and artificial (cutting)
	Zoology Daily Test 02	Reproduction in Organisms:-Sexual reproduction: Outline of reproductive system of cockroach and earthworm; Prefertilization events (Gametogenesis, oestrous cycle), Syngamy.
18 May 2021	Physics Daily Test 03	Electric Charges & Field:-Coulomb's law, Force between multiple charges
19 May 2021	Chemistry Daily Test 03	Solid State: Close packed structures in 2D and 3D ccp and hcp arrangements, Formula of a compound and number of voids filled
20 May 2021	Botany Daily Test 03	Reproduction in Organisms:-Artificial (Layering & grafting), Sexual reproduction - Features, Phases of life cycle
	Zoology Daily Test 03	Reproduction in Organisms:-Post fertilization events: Embryogenesis, oviparous and viviparous animals; Parthenogenesis.
21 May 2021	Physics Daily Test 04	Electric Charges & Field:-Electric Field, Electric field due to system of charges
24 May 2021	Chemistry Daily Test 04	Solid State: Locating tetrahedral and octahedral voids
25 May 2021	Botany Daily Test 04	Reproduction in Organisms:-Events i.e. Pre-fertilisation, Fertilization and Post-fertilization.
	Zoology Daily Test 04	Human Reproduction:-Sex organs, Male reproductive system: Testes, Epididymis, Vas deferens, Penis, Accessory glands of male reproductive system, Seminal plasma and semen
26 May 2021	Physics Daily Test 05	Electric Charges & Field:-Electric field lines, Electric Dipole
27 May 2021	Chemistry Daily Test 05	Solid State: Packing efficiency in simple cubic, hcp/ccp and bcc lattices
28 May 2021	Botany Daily Test 05	Sexual Reproduction in Organisms:-Introduction, Flower - A fascinating organ of angiosperms, Pre-fertilization - structures and events - Stamen, Microsporangium, Microsporogenesis.
	Zoology Daily Test 05	Human Reproduction:-Structure of female reproductive system, Fallopian tubes, uterus, Vagina, Female External genitalia and Accessory genital glands

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Test Date	Test Name and No.	Test Syllabus
31 May 2021	Physics Daily Test 06	Electric Charges & Field:-Dipole in a uniform external field, Electric flux
1 Jun 2021	Chemistry Daily Test 06	Solid State: Calculation involving unit cell dimensions
2 Jun 2021	Botany Daily Test 06	Sexual Reproduction in Organisms:-Pollen grain, Development of male gametophyte, The pistil, Megasporangium (ovule), Types of ovules
	Zoology Daily Test 06	Human Reproduction:-Structure of Mammary glands, Spermatogenesis and its hormonal control, Structure of mature sperm
3 Jun 2021	Physics Daily Test 07	Electric Charges & Field:-Continuous charge distribution
4 Jun 2021	Chemistry Daily Test 07	Solid State: Structure of Ionic solids
5 Jun 2021	Botany Daily Test 07	Sexual Reproduction in Organisms:-Megasporogenesis, Embryo sac/Female gametophyte development
	Zoology Daily Test 07	Human Reproduction:- Oogenesis and structure of ovum & ovary
7 Jun 2021	Physics Daily Test 08	Electric Charges & Field:-Gauss's Law, Application of Gauss's law
8 Jun 2021	Chemistry Daily Test 08	Solid State: Imperfections in solids : Types of point defects electrical and magnetic properties
9 Jun 2021	Botany Daily Test 08	Sexual Reproduction in Organisms:-Pollination : Objective, Kinds - Autogamy, Geitonogamy, Xenogamy, Agents of pollination - Wind, Water, Insects
	Zoology Daily Test 08	Human Reproduction:-Menstrual cycle: Various events and its hormonal control
10 Jun 2021	Physics Daily Test 09	Electrostatic Potential and Capacitance:-Introduction, electrostatic potential, potential due to a point charge
11 Jun 2021	Chemistry Daily Test 09	Solutions-Types of solutions, Expressing concentration of solutions. Solubility of a solid in a liquid and gas in a liquid (Henry-law)
12 Jun 2021	Botany Daily Test 09	Sexual Reproduction in Organisms:-Outbreeding devices, Pollen-pistil interaction
	Zoology Daily Test 09	Human Reproduction:-Capacitation and acrosomal reactions, Fertilisation fast block and slow block to prevent polyspermy, Embryonic development cleavage, morula, blastula and implantation
14 Jun 2021	Physics Daily Test 10	Electrostatic Potential and Capacitance:-potential due to Different charge system
15 Jun 2021	Chemistry Daily Test 10	Solutions-Vapour pressure of liquid solutions, Raoult's law for binary solutions. Ideal and non-ideal solutions
16 Jun 2021	Botany Daily Test 10	Sexual Reproduction in Organisms:-Double fertilization, Post-fertilization structures and events - Endosperm
	Zoology Daily Test 10	Human Reproduction:-Gastrulation, fate of three germinal layers, Pregnancy and embryonic development
17 Jun 2021	Physics Daily Test 11	Electrostatic Potential and Capacitance:-potential due to a system of charges
18 Jun 2021	Chemistry Daily Test 11	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

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Test Date	Test Name and No.	Test Syllabus
19 Jun 2021	Botany Daily Test 11	Sexual Reproduction in Organisms:-Embryo development, Post fertilization, structure and events - Seed
	Zoology Daily Test 11	Human Reproduction:-Major features, function and types of placenta
21 Jun 2021	Physics Daily Test 12	Electrostatic Potential and Capacitance:-Equipotential surfaces
22 Jun 2021	Chemistry Daily Test 12	Solutions-Abnormal molar masses and van't Hoff factor
23 Jun 2021	Botany Daily Test 12	Sexual Reproduction in Organisms:-Fruit; Apomixis and Polyembryony.
	Zoology Daily Test 12	Human Reproduction:-Parturition and lactation
24 Jun 2021	Physics Daily Test 13	Electrostatic Potential and Capacitance:-Potential energy of a system of charges, Potential energy in an external field
25 Jun 2021	Chemistry Daily Test 13	Electrochemistry-Electrochemical cells, Galvanic cells : S.H.E and measurement of electrode potential, Nernst equation
28 Jun 2021	Botany Daily Test 13	Principles of Inheritance & Variation:-Mendel's laws of inheritance - Dominance, Segregation
	Zoology Daily Test 13	Reproductive Health:-Reproductive Health, Problems & Strategies, Population explosion, Human population growth
29 Jun 2021	Physics Daily Test 14	Electrostatic Potential and Capacitance:-Electrostatics of conductors, dielectrics and polarization
30 Jun 2021	Chemistry Daily Test 14	Electrochemistry-Equilibrium constant from Nernst equation, Gibbs free energy and electrochemical cell and Gibb's energy of the reaction
1 Jul 2021	Botany Daily Test 14	Principles of Inheritance & Variation:-Explanation of the concept of dominance, Incomplete and co-dominance
	Zoology Daily Test 14	Reproductive Health:-Methods of Birth control, Medical termination of pregnancy (MTP)
2 Jul 2021	Physics Daily Test 15	Electrostatic Potential and Capacitance:-Capacitors and capacitance, The parallel plate capacitor
3 Jul 2021	Chemistry Daily Test 15	Electrochemistry-Conductance of electrolytic solutions, measurement of the conductivity of ionic solutions
5 Jul 2021	Botany Daily Test 15	Principle of inheritance and variation
	Zoology Daily Test 15	Reproductive Health:-STD (Venereal Diseases), Infertility, ART (Assisted reproductive technology)
6 Jul 2021	Physics Daily Test 16	Electrostatic Potential and Capacitance:-Effect of dielectrics on capacitance
7 Jul 2021	Chemistry Daily Test 16	Electrochemistry-Variation of conductivity and molar conductivity with dilution in case of strong electrolyte and weak electrolyte. Kohlrausch law
8 Jul 2021	Botany Daily Test 16	Principles of Inheritance & Variation:-Multiple alleles, Pleiotropy, Inheritance of two genes, Law of independent assortment
	Zoology Daily Test 16	Evolution: Theories & Evidences:-Origin of universe (Big bang theory) Solar system, Theories of origin of life: Panspermia theory, Abiogenesis theory, Theory of biogenesis
9 Jul 2021	Physics Daily Test 17	Electrostatic Potential and Capacitance:-Combination of capacitors
10 Jul 2021	Chemistry Daily Test 17	Electrochemistry-Electrolytic cells and electrolysis : Faraday laws of electrolysis. Products of electrolysis

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Test Date	Test Name and No.	Test Syllabus
12 Jul 2021	Botany Daily test 17	Principles of Inheritance & Variation:-Complementary genes, Duplicate genes, Epistasis
	Zoology Daily Test 17	Evolution: Theories & Evidences:-Chemical origin of life, Stanley Miller's experiment, Prebiotic system coacervate and microsphere, Geological time scale
13 Jul 2021	Physics Daily Test 18	Electrostatic Potential and Capacitance:- Energy stored in a capacitor, Van de Graff Generator.
14 Jul 2021	Chemistry Daily Test 18	Electrochemistry-Batteries : Primary and secondary batteries fuel cells. Corrosion
15 Jul 2021	Botany Daily Test 18	Principles of Inheritance & Variation:-Polygenic inheritance, Chromosomal theory of inheritance
	Zoology Daily Test 18	Evolution: Theories & Evidences:-Evidences of evolution – Palaentological, evolution of horse
16 Jul 2021	Physics Daily Test 19	Current Electricity:-Introduction, Electric current, Electric currents in conductors. Ohm's law, Drift of electrons and the origin of resistivity
19 Jul 2021	Chemistry Daily Test 19	Chemical Kinetics-Rate of a chemical reaction. Factors influencing rate of reactions. Rate expression and rate constant
20 Jul 2021	Botany Daily Test 19	Principles of Inheritance & Variation:-Linkage and recombination
	Zoology Daily Test 19	Evolution: Theories & Evidences:-Morphological and anatomical evidences of evolution-Homologous, analogous, Vestigeal organs
22 Jul 2021	Physics Daily Test 20	Current Electricity:-Limitations of Ohm's law, Resistivity of various material, Temperature dependence of resistivity, Electrical energy power
23 Jul 2021	Chemistry Daily Test 20	Chemical Kinetics-Order and molecularity of a reaction, Integrated rate equations for zero and first order reactions. Half-life of a reaction
26 Jul 2021	Botany Daily Test 20	Principles of Inheritance & Variation:-Sex determination, Mutations - Gene mutation
	Zoology Daily Test 20	Evolution: Theories & Evidences:-Evidences from: Connecting links, Embryological evidences, Biogeographical evidences, Adaptive radiation
27 Jul 2021	Physics Daily Test 21	Current Electricity:-Combination of resistors, series and parallel
28 Jul 2021	Chemistry Daily Test 21	Chemical Kinetics-Pseudo first order reaction. Temperature dependence of the rate of a reaction
29 Jul 2021	Botany Daily Test 21	Principles of Inheritance & Variation:-Mutations - Chromosomal aberrations, Genomatic mutation
	Zoology Daily Test 21	Evolution: Theories & Evidences:-Lamarck's theory, Darwin's theory–Darwin novelty
30 Jul 2021	Physics Daily Test 22	Current Electricity:-Cells, emf. Internal resistance, cells in series and in parallel
2 Aug 2021	Chemistry Daily Test 22	Chemical Kinetics-Effect of catalyst, Collision theory of chemical reactions & Assignments
3 Aug 2021	Botany Daily Test 22	Principles of Inheritance & Variation:-Pedigree analysis, Cytoplasmic inheritance
	Zoology Daily Test 22	Evolution: Theories & Evidences:-Mutation theory, Hardy Weinberg principle: Gene flow, Gene migration, Genetic drift, Mutation, genetic Recombination, Natural selection
4 Aug 2021	Physics Daily Test 23	Current Electricity:-Kirchhoff's laws and its application

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Test Date	Test Name and No.	Test Syllabus
5 Aug 2021	Chemistry Daily Test 23	Surface Chemistry-Adsorption vs Absorption, Mechanism of adsorption, Types of adsorption, Freundlich adsorption isotherm, Adsorption isobar
6 Aug 2021	Botany Daily Test 23	Principles of Inheritance & Variation:-Genetic disorders - Mendelian and Chromosomal disorders.
	Zoology Daily Test 23	Evolution: Theories & Evidences:-Speciation: Allo patric and sympatru, Brief account of evolution: Evolution of plant forms, Evolutionary history of vertebrates through geological period
7 Aug 2021	Physics Daily Test 24	Current Electricity:-Wheatstone bridge,Meter Bridge
9 Aug 2021	Chemistry Daily Test 24	Surface Chemistry-Homogeneous vs Heterogeneous catalysis, Different classification of colloids and their preparation methods
10 Aug 2021	Botany Daily Test 24	Molecular Basis of Inheritance:-Introduction, The DNA-structure of polynucleotide chain, Derivation of DNA structure, DNA packaging in prokaryotes
	Zoology Daily Test 24	Evolution: Theories & Evidences:-Human evolution, Prior to Ape man, Ape man to prehistoric man, Prehistoric to modern man
11 Aug 2021	Physics Daily Test 25	Current Electricity:-Potentiometer.
12 Aug 2021	Chemistry Daily Test 25	Mechanical, Electrical and Optical properties of colloids, Emulsions
13 Aug 2021	Botany Daily Test 25	Molecular Basis of Inheritance:-Packaging in eukaryotes, The search for genetic material, Transforming principle, Evidence from experiments with bacteriophage, Properties of genetic material,
	Zoology Daily Test 25	Human Health & Disease:-Health–Various types of diseases in Human–Bacterial, Viral
14 Aug 2021	Physics Daily Test 26	Moving Charges and Magnetism:-Introduction, Magnetic force
17 Aug 2021	Chemistry Daily Test 26	General Principles and Processes of Isolation of Elements-Occurrence of metals, Concentration of an ore (Physical and Chemical methods), Hydraulic washing, Magnetic separation, Froth floatation process
18 Aug 2021	Botany Daily Test 26	Molecular Basis of Inheritance:-RNA world, Replication of DNA - The experimental proof, The machinery and enzymes.
	Zoology Daily Test 26	Human Health & Disease:-Fungal: Ringworms, Helminthic: Ascariasis, Elephantiasis
19 Aug 2021	Physics Daily Test 27	Moving Charges and Magnetism:-Motion in a magnetic field, Motion in combined Electric and Magnetic fields
20 Aug 2021	Chemistry Daily Test 27	General Principles and Processes of Isolation of Elements-Leaching, Thermodynamic aspects of Metallurgy (Ellingham diagram), Extractive metallurgy
21 Aug 2021	Botany Daily Test 27	Molecular Basis of Inheritance:-Transcription - Transcription unit, Types of RNAs
	Zoology Daily Test 27	Human Health & Disease:-Protozoan: Life cycle of Plasmodium vivax and Entamoeba histolytica
23 Aug 2021	Physics Daily Test 28	Moving Charges and Magnetism:-Biot-savart's law, Magnetic field on the axis of a circular current loop
24 Aug 2021	Chemistry Daily Test 28	General Principles and Processes of Isolation of Elements-Refining of metals,Extractive metallurgy, uses of Al, Cu, Zn and Fe

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25 Aug 2021	Botany Daily Test 28	Molecular Basis of Inheritance:-Process of Transcription in prokaryotes, Transcription in Eukaryotes
	Zoology Daily Test 28	Human Health & Disease:-Types of Immunity–Innate and acquired, Humoral mediated Immunity
26 Aug 2021	Physics Daily Test 29	Moving Charges and Magnetism:-Cyclotron, Magnetic field due to a current element
27 Aug 2021	Chemistry Daily Test 29	p-Block Elements-Group-15 : N2, NH3, Oxides of Nitrogen, HNO3, P-Allotropic forms, PH3,
31 Aug 2021	Botany Daily Test 29	Molecular Basis of Inheritance:-Genetic code - Salient features
	Zoology Daily Test 29	Human Health & Disease:-Cell Mediated Immunity, Active & Passive Immunity, Vaccination and Immunisation
1 Sept 2021	Physics Daily Test 30	Moving Charges and Magnetism:-Ampere' Circuital Law, The solenoid and the toroid ,Force between two parallel currents, the ampere
2 Sept 2021	Chemistry Daily Test 30	p-Block Elements-Ozone, Sulphur-Allotropic forms,Phosphorus halides, oxoacids of phosphorus, Group 16: O2, simple oxides, compounds of sulphur
3 Sept 2021	Botany Daily Test 30	Molecular Basis of Inheritance:-t-RNA - The adapter molecule, Translation.
	Zoology Daily Test 30	Human Health & Disease:-Allergies, Auto immunity, Immune system of the body, Lymphoid organs: Primary and Secondary
4 Sept 2021	Physics Daily Test 31	Moving Charges and Magnetism:-Torque on current loop, Magnetic dipole, Moving coil Galvanometer.
6 Sept 2021	Chemistry Daily Test 31	p-Block Elements-Group 17 elements: Compounds of chlorine, oxoacids of halogens, interhalogen compounds.Group-18 : Physical properties of Inert gases, Xenon compounds
7 Sept 2021	Botany Daily Test 31	Molecular Basis of Inheritance:-Regulation of gene expression, Operon concept
	Zoology Daily Test 31	Human Health & Disease:-AIDS–Cause, Detection, Symptoms, Prevention
8 Sept 2021	Physics Daily Test 32	Magnetism and Matter:-Introduction, The bar magnet, Magnetism and Gauss's Law
9 Sept 2021	Chemistry Daily Test 32	d & f-Block Elements-General properties of d-block elements, Preparation and properties and uses of KMnO4 and K2Cr2O7
10 Sept 2021	Botany Daily Test 32	Molecular Basis of Inheritance:-Human genome project - Goals, Methodologies, Salient features, Applications and Future challenges, DNA fingerprinting.
	Zoology Daily Test 32	Human Health & Disease:-Cancer–Causes, detection & diagnosis, Treatment
11 Sept 2021	Physics Daily Test 33	Magnetism and Matter:-The Earth's magnetism
13 Sept 2021	Chemistry Daily Test 33	d & f-Block Elements-f-Block elements (General characteristic) and Lanthanoids contraction, The actinoids and some application of d and f block elements
14 Sept 2021	Botany Daily Test 33	Strategies for Enhancement in Food Production:-Introduction, Plant breeding – Definition, Main steps
	Zoology Daily Test 33	Human Health & Disease:-Alcohol and Tobacco Opioids, Cannabinoids, Sedatives, Hallucinogens, Stimulants, Primary and Secondary
15 Sept 2021	Physics Daily Test 34	Magnetism and Matter:-Tangent Law and its applications

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Test Date	Test Name and No.	Test Syllabus
16 Sept 2021	Chemistry Daily Test 34	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
17 Sept 2021	Botany Daily Test 34	Strategies for Enhancement in Food Production:-Green revolution, Plant breeding for disease resistance, Plant breeding for resistance to insect pests, Improved food quality, Anti nutritional factors, Single cell protein, Green manure, Energy crops, Petroleum plants,
	Zoology Daily Test 34	Human Health & Disease:-Adolescence, Addiction & dependence, Effects of drugs & alcohol abuse, Prevention & control
18 Sept 2021	Physics Daily Test 35	Magnetism and Matter:-Magnetization and magnetic intensity, Magnetic properties of materials,Permanent magnets and electromagnets
20 Sept 2021	Chemistry Daily Test 35	Coordination Compounds-Valence bond theory of complex compounds, Crystal field theory colour of coordination complexes
21 Sept 2021	Botany Daily Test 35	Strategies for Enhancement in Food Production:-Tissue culture – Definition, Environmental conditions, Types, Applications
	Zoology Daily Test 35	Animal Husbandry:-Dairy farm management, Poultry farm management, Indigenous & exotic breeds, Bacterial, Viral & Fungal disease
22 Sept 2021	Physics Daily Test 36	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
23 Sept 2021	Chemistry Daily Test 36	Coordination Compounds-Bonding in metal carbonyls & organometallics, Stability of coordination compounds, Importance & Application of coordination compounds
24 Sept 2021	Botany Daily Test 36	Microbes in Human Welfare:-Introduction, Microbes in household products, Industrial products.
	Zoology Daily Test 36	Animal Husbandry:-Live stocks, Animal Breeding, Inbreeding, Outbreeding, Out crossing, Cross breeding, Interspecific hybridisation, MOET, Artificial Insemination
25 Sept 2021	Physics Daily Test 37	Electromagnetic induction:-Energy consideration, A quantitative study Eddy currents, Electromagnetic induction:-Inductance,
27 Sept 2021	Chemistry Daily Test 37	Haloalkanes and Haloarenes-Classification of Halogen compounds, Nomenclature of Halogen compounds, Nature of C-X bond and methods of preparation of Haloalkanes & Haloarenes
28 Sept 2021	Botany Daily Test 37	Microbes in Human Welfare:-Microbes in sewage treatment, Biogas production,
	Zoology Daily Test 37	Animal Husbandry:-Bee keeping, Sericulture, Aqua culture (Fisheries)
29 Sept 2021	Physics Daily Test 38	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
30 Sept 2021	Chemistry Daily Test 38	Haloalkanes and Haloarenes-Physical properties of Haloalkanes, optical activity, Nucleophilic substitution reactions of haloalkanes
1 Oct 2021	Botany Daily Test 38	Microbes in Human Welfare:-Biocontrol agents, Biofertilizers.
	Zoology Daily Test 38	Biotechnology-Principles and Processes:-Biotechnology-Principles, Tools of recombinant DNA technology
5 Oct 2021	Physics Daily Test 39	Alternating Current:-AC voltage applied to a series LCR circuit, Power in AC circuit, The power factor, LC Oscillations, transformers.

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Test Date	Test Name and No.	Test Syllabus
6 Oct 2021	Chemistry Daily Test 39	Haloalkanes and Haloarenes-Elimination reactions in haloalkanes, Elimination versus substitution, Reactions of R-X with Na
7 Oct 2021	Botany Daily Test 39	Organisms and Populations:-Introduction, Levels of organisation, Major biomes.
	Zoology Daily Test 39	Biotechnology-Principles and Processes:-Separation and Isolation of DNA fragments Cloning vectors, Competent host
8 Oct 2021	Physics Daily Test 40	Electromagnetic Waves:-Introduction, Displacement currents, Electromagnetic waves, Electromagnetic spectrum,
11 Oct 2021	Chemistry Daily Test 40	Haloalkanes and Haloarenes-Aromatic nucleophilic substitution, Elimination addition Reaction, Electrophilic substitution of ArX, Polyhalogen compounds
12 Oct 2021	Botany Daily Test 40	Organisms and Populations:-Abiotic Factors - Temperature, Light, Water, Soil
	Zoology Daily Test 40	Biotechnology-Principles and Processes:- Processes of recombinant DNA technology
13 Oct 2021	Physics Daily Test 41	Ray Optics & Optical Instruments:- Introduction, Reflection of light spherical mirrors, Refraction
14 Oct 2021	Chemistry Daily Test 41	Alcohols, Phenols and Ethers-Common and IUPAC names of alcohols and ethers, Preparation of aliphatic alcohols
18 Oct 2021	Botany Daily Test 41	Organisms and Populations:-Response to abiotic factors, Adaptations
	Zoology Daily Test 41	Biotechnology and its Applications:-Biotechnological applications in agriculture–Bt cotton, Pest resistant plants
19 Oct 2021	Physics Daily Test 42	Ray Optics & Optical Instruments:-Total internal reflection, Refraction at spherical surface, Refraction through lenses
20 Oct 2021	Chemistry Daily Test 42	Alcohols, Phenols and Ethers-Preparation of aromatic alcohols and Physical properties, Chemical reactions of alcohols, phenols
21 Oct 2021	Botany Daily Test 42	Organisms and Populations:-Population – characteristics, growth, growth models
	Zoology Daily Test 42	Biotechnology and its Applications:-Biotechnological applications in medicine–Genetically engineered insulin, Gene Therapy, Molecular Diagnosis
22 Oct 2021	Physics Daily Test 43	Ray Optics & Optical Instruments:-Refraction through a prism, Dispersion by prism, some natural phenomena due to sunlight, Optical instruments – The eye, microscope
23 Oct 2021	Chemistry Daily Test 43	Alcohols, Phenols and Ethers-Preparation of ethers, Physical properties of ethers, Chemical propereties of ethers, Some commercially important alcohols and ethers
25 Oct 2021	Botany Daily Test 43	Organisms and Populations:-Population interactions.
	Zoology Daily Test 43	Biotechnology and its Applications:-Transgenic Animals, Ethical Issues, Biopiracy
26 Oct 2021	Physics Daily Test 44	Ray Optics & Optical Instruments:- Optical instruments – Telescope, microscope
27 Oct 2021	Chemistry Daily Test 44	Aldehydes, Ketones and Carboxylic Acids-Nomenclature of Aldehydes and Ketones. Structure of carbonyl group, Preparation of Aldehydes & Ketones

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Test Date	Test Name and No.	Test Syllabus
28 Oct 2021	Botany Daily Test 44	Ecosystem:-Introduction, Types of ecosystem, Components of ecosystem, Ecosystem structure, Productivity and decomposition.
	Zoology Daily Test 44	Revision Test
29 Oct 2021	Physics Daily Test 45	Wave Optics:-Introduction, Huygens Principle, Refraction and Reflection of plane waves using Huygens principle, Coherent and incoherent addition of waves, Interference of light waves
1 Nov 2021	Chemistry Daily Test 45	Aldehydes, Ketones and Carboxylic Acids-Physical properties of aldehydes and ketones. Nucleophilic addition reactions
2 Nov 2021	Botany Daily Test 45	Ecosystem:-Energy flow, Ecological pyramids, Nutrient cycling
5 Nov 2021	Physics Daily Test 46	Wave Optics:- Young's experiment, Diffraction, Polarization.
8 Nov 2021	Chemistry Daily Test 46	Aldehydes, Ketones and Carboxylic Acids-Nucleophilic addition reaction followed by elimination, Reduction & oxidation reactions of aldehydes & ketones
9 Nov 2021	Botany Daily Test 46	Ecosystem:-Ecological succession, Ecosystem services.
10 Nov 2021	Physics Daily Test 47	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
11 Nov 2021	Chemistry Daily Test 47	Aldehydes, Ketones and Carboxylic Acids-, Halogenation & Reaction with alkalies, Nomenclature of carboxylic acids, Preparation of carboxylic acids, Physical & Chemical properties of Carboxylic acids
12 Nov 2021	Botany Daily Test 47	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.
13 Nov 2021	Physics Daily Test 48	Dual Nature of Radiation and Matter:-Wave nature of matter, Davisson and Germer Experiment.
15 Nov 2021	Chemistry Daily Test 48	Amines-Amines : Structure, Nomenclature and preparation of amines
16 Nov 2021	Botany Daily Test 48	Biodiversity and Conservation:-Loss of biodiversity and its conservation.
17 Nov 2021	Physics Daily Test 49	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
18 Nov 2021	Chemistry Daily Test 49	Amines- Chemical reactions of aliphatic and aromatic amines; Diazonium salts
22 Nov 2021	Botany Daily Test 49	Environmental Issues:-Introduction, Air pollution and its control

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Test Date	**Test Name and No.**	**Test Syllabus**
23 Nov 2021	Physics Daily Test 50	Nuclei:-Introduction, Atomic masses and composition of nucleus, size of the nucleus, Mass energy and nuclear binding energy, Nuclear force, Radioactivity, Nuclear energy.
24 Nov 2021	Chemistry Daily Test 50	Biomolecules-Carbohydrates, Amino acids
25 Nov 2021	Botany Daily Test 50	Environmental Issues:-Noise pollution, Water pollution and its control, Solid waste., Agrochemicals and their effects, Radioactive pollution
26 Nov 2021	Physics Daily Test 51	Semiconductor:-Introduction, Classification of metals conductors and semiconductors, Intrinsic semiconductor, Extrinsic semiconductors P – N, semiconductor diode, Application of junction diode as a rectifier special purpose P–N junction diodes
27 Nov 2021	Chemistry Daily Test 51	Polymers-Types of polymerisation, classification and monomers of different polymers
29 Nov 2021	Botany Daily Test 51	Environmental Issues:-Greenhouse effect and global warming, Ozone depletion, Degradation by improper resource utilization and maintenance, Deforestation.
30 Nov 2021	Chemistry Daily Test 52	Polymers-Biodegradable polymer and polymers of commercial importance
1 Dec 2021	Chemistry Daily Test 53	Chemistry in Everyday Life-Chemistry in Everyday Life

COMPREHENSIVE TEST PACKAGE (XII STUDYING) - NEET			
ONLINE TEST SCHEDULE			
Date	**Day**	**Test No.**	**Topics**
22.05.2021	Saturday	UT -1	Physics - Physical World, Units & Measurements, Motion in a Straight Line Chemistry - Some Basic Concepts of Chemistry, Botany - Cell: The Unit of Life Zoology - Structural Organisation in Animals - Animal Tissues
29.05.2021	Saturday	UT -2	Physics - Electric Charges and Field, Electrostatics - Potential and Capacitance Chemistry - The Solid State, Solution Botany - Reproduction in Organisms, Sexual Reproduction in Flowering Plants Zoology - Reproduction in Organism, Human Reproduction
12.06.2021	Saturday	UT -3	Physics - Motion in a Plane, Laws of Motion Chemistry - Structure of Atom, Classification of Elements and Periodicity in Properties Botany - Cell Cycle and Cell Divison, The Living World Zoology - Biomolecules
17.07.2021	Saturday	UT -4	Physics - Current Electricity, Moving Charges & Magnetism Chemistry - Electrochemistry, Chemical Kinetics, Surface Chemistry Botany - Principles of Inheritance and Variation, Molecular Basis of Inheritance Zoology - Reproductive Health, Evolution
24.07.2021	Saturday	PT-1	Test on Topics covered in Test -1 to Test -4
31.07.2021	Saturday	UT -5	Physics - Work, Energy and Power, System of Particles and Rotational Motion Chemistry - Chemical Bonding and Molecular Structure, States of Matter, Thermodynamics Botany - Biological Classification, Morphology of Flowering Plants, Anatomy of Flowering Plants, Plant Kingdom Zoology - Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and their Elimination
16.08.2021	Monday	UT-6	Physics - Magnetism and Matter, Electromagnetic Induction, Alternating Current Chemistry - General Principles & Processes of Isolation of Elements, The p-Block Elements (XII), The d & f-Block Elements Botany - Strategies for Enhancement in Food Production, Microbes in Human Welfare, Organisms and Populations Zoology - Human Health & Disease, Strategies for Enhancement in Food Production - Animal Husbandry
28.08.2021	Monday	PT-2	Test on Topics covered in Test -5 & Test -6
12.09.2021	Saturday	CT-1	Test on Topics covered in Test -1 to Test -6
04.10.2021	Monday	UT-7	Physics - Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids Chemistry - Equilibrium, Redox Reactions Botany - Transport in Plants, Mineral Nutrition, Photosynthesis in Higher Plants Zoology - Locomotion and Movement, Neural Control and Coordination,Chemical Coordination and Integration

UT- Unit Test | PT- Part Test | CT- Cumulative Test | FST- Full Syllabus Test

COMPREHENSIVE TEST PACKAGE (XII STUDYING) - NEET			
ONLINE TEST SCHEDULE			
Date	**Day**	**Test No.**	**Topics**
16.10.2021	Saturday	UT-8	Physics - Thermal Properties of Matter,Thermodynamics, Kinetic Theory Chemistry - Hydrogen,The s-Block Elements, The p-Block Elements (XI) Botany - Respiration in Plants, Plant Growth and Development Zoology - Animalia - General Account and Non-Chordates,Animalia - Chordates, Structural Organisation in Animals - Animal Morphology
30.10.2021	Saturday	UT-9	Physics - Oscillations, Waves Chemistry - Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry Botany - Topics Covered in T 7 and T8 Zoology - Topics Covered in T3 and T5
06.10.2021	Saturday	PT-3	Test on Topics covered in Test -7 to Test -9
20.11.2021	Saturday	UT-10	Physics - Electromagnetic Waves, Ray Optics and Optical Instruments Chemistry - Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers Botany - Ecosystem, Biodiversity and Conservation, Environmental Issues Zoology - Biotechnology - Principles and Processes, Biotechnology and its Applications
04.12.2021	Saturday	UT-11	Physics - Wave Optics, Dual Nature of Radiation and Matter, Atoms Chemistry - Aldehydes, Ketones and Carboxylic Acids, Amines Botany - Topics Covered in T 2 and T 4 Zoology - Topics Covered in T 2 and T 4
18.12.2021	Saturday	UT-12	Physics - Nuclei, Semiconductor Electronics : Materials, Devices and Simple Circuits, Communication Systems Chemistry - Biomolecules, Polymers, Chemistry in Everyday life Botany - Topics Covered in T 6 and T 10 Zoology - Topics Covered in T 6 and T 10
03.01.2022	Monday	PT-4	Test on Topics covered in Test -10 to Test -12
22.01.2022	Saturday	CT-2	Test on Topics covered in Test -7 to Test -12
17.03.2022	Thursday	FST-1	Complete Syllabus Test - NEET Pattern (Class XI)
24.03.2022	Thursday	FST-2	Complete Syllabus Test - NEET Pattern (Class XII)
31.03.2022	Thursday	FST-3	Complete Syllabus Test - NEET Pattern (Class XI & XII)
07.04.2022	Thursday	FST-4	Complete Syllabus Test - NEET Pattern (Class XI & XII)
14.04.2022	Thursday	FST-5	Complete Syllabus Test - NEET Pattern (Class XI & XII)
21.04.2022	Thursday	FST-6	Complete Syllabus Test - NEET Pattern (Class XI & XII)
28.04.2022	Thursday	FST-7	Complete Syllabus Test - NEET Pattern (Class XI & XII)

UT- Unit Test | PT- Part Test | CT- Cumulative Test | FST- Full Syllabus Test

NEET-XII CALENDAR 2021-2022 (All-in-one Planner)

May'21			Jun'21			Jul'21			Aug'21			Sep'21			Oct'21		
1	Sa		1	Tu	DPT - C6	1	Th	DPT - BZ14	1	Su		1	We	DPT - P30	1	Fr	DPT - BZ38
2	Su		2	We	DPT - BZ6	2	Fr	DPT - P15	2	Mo	DPT - C22	2	Th	DPT - C30	2	Sa	Gandhi Jayanti
3	Mo		3	Th	DPT - P7	3	Sa	DPT - C15	3	Tu	DPT - BZ22	3	Fr	DPT - BZ30	3	Su	
4	Tu		4	Fr	DPT - C7	4	Su		4	We	DPT - P23	4	Sa	DPT - P31	4	Mo	UT-7
5	We		5	Sa	DPT - BZ7	5	Mo	DPT - BZ15	5	Th	DPT - C23	5	Su		5	Tu	DPT - P39
6	Th		6	Su		6	Tu	DPT - P16	6	Fr	DPT - BZ23	6	Mo	DPT - C31	6	We	DPT - C39
7	Fr		7	Mo	DPT - P8	7	We	DPT - C16	7	Sa	DPT - P24	7	Tu	DPT - BZ31	7	Th	DPT - BZ39
8	Sa		8	Tu	DPT - C8	8	Th	DPT - BZ16	8	Su		8	We	DPT - P32	8	Fr	DPT - P40
9	Su		9	We	DPT - BZ8	9	Fr	DPT - P17	9	Mo	DPT - C24	9	Th	DPT - C32	9	Sa	SBT-2 (HA)
10	Mo	DPT - P1	10	Th	DPT - P9	10	Sa	DPT - C17	10	Tu	DPT - BZ24	10	Fr	DPT - BZ32	10	Su	
11	Tu	DPT - C1	11	Fr	DPT - C9	11	Su		11	We	DPT - P25	11	Sa	DPT - P33	11	Mo	DPT - C40
12	We	DPT - BZ1	12	Sa	DPT - BZ9	12	Mo	DPT - BZ17	12	Th	DPT - C25	12	Su	CT-1	12	Tu	DPT - BZ40
13	Th	DPT - P2	13	Su		13	Tu	DPT - P18	13	Fr	DPT - BZ25	13	Mo	DPT - C33	13	We	DPT - P41
14	Fr	Eid al-Fitr	14	Mo	DPT - P10	14	We	DPT - C18	14	Sa	DPT - P26	14	Tu	DPT - BZ33	14	Th	DPT - C41
15	Sa	DPT - C2	15	Tu	DPT - C10	15	Th	DPT - BZ18	15	Su	Independence Day	15	We	DPT - P34	15	Fr	Dussehra
16	Su		16	We	DPT - BZ10	16	Fr	DPT - P19	16	Mo	UT-6	16	Th	DPT - C34	16	Sa	UT-8
17	Mo	DPT - BZ2	17	Th	DPT - P11	17	Sa	UT-4	17	Tu	DPT - C26	17	Fr	DPT - BZ34	17	Su	
18	Tu	DPT - P3	18	Fr	DPT - C11	18	Su		18	We	DPT - BZ26	18	Sa	DPT - P35	18	Mo	DPT - BZ41
19	We	DPT - C3	19	Sa	DPT - BZ11	19	Mo	DPT - C19	19	Th	DPT - P27	19	Su		19	Tu	DPT - P42
20	Th	DPT - BZ3	20	Su		20	Tu	DPT - BZ19	20	Fr	DPT - C27	20	Mo	DPT - C35	20	We	DPT - C42
21	Fr	DPT - P4	21	Mo	DPT - P12	21	We	Eid al-Adha	21	Sa	DPT - BZ27	21	Tu	DPT - BZ35	21	Th	DPT - BZ42
22	Sa	UT-1	22	Tu	DPT - C12	22	Th	DPT - P20	22	Su		22	We	DPT - P36	22	Fr	DPT - P43
23	Su		23	We	DPT - BZ12	23	Fr	DPT - C20	23	Mo	DPT - P28	23	Th	DPT - C36	23	Sa	DPT - C43
24	Mo	DPT - C4	24	Th	DPT - P13	24	Sa	PT-1	24	Tu	DPT - C28	24	Fr	DPT - BZ36	24	Su	
25	Tu	DPT - BZ4	25	Fr	DPT - C13	25	Su		25	We	DPT - BZ28	25	Sa	DPT - P37	25	Mo	DPT - BZ43
26	We	DPT - P5	26	Sa	UT-3	26	Mo	DPT - BZ20	26	Th	DPT - P29	26	Su		26	Tu	DPT - P44
27	Th	DPT - C5	27	Su		27	Tu	DPT - P21	27	Fr	DPT - C29	27	Mo	DPT - C37	27	We	DPT - C44
28	Fr	DPT - BZ5	28	Mo	DPT - BZ13	28	We	DPT - C21	28	Sa	PT-2	28	Tu	DPT - BZ37	28	Th	DPT - BZ44
29	Sa	UT-2	29	Tu	DPT - P14	29	Th	DPT - BZ21	29	Su		29	We	DPT - P38	29	Fr	DPT - P45
30	Su		30	We	DPT - C14	30	Fr	DPT - P22	30	Mo	SBT-1 (HA)	30	Th	DPT - C38	30	Sa	UT-9
31	Mo	DPT - P6				31	Sa	UT-5	31	Tu	DPT - BZ29				31	Su	

Holiday Sunday

NEET-XII CALENDAR 2021-2022 (All-in-one Planner)

Nov'21			Dec'21			Jan'22			Feb'22			Mar'22			Apr'22		
1	Mo	DPT - C45	1	We	DPT - C53	1	Sa		1	Tu		1	Tu		1	Fr	
2	Tu	DPT - B45	2	Th		2	Su		2	We		2	We		2	Sa	
3	We	SBT-3 (HA)	3	Fr		3	Mo	PT-4	3	Th		3	Th		3	Su	
4	Th	Diwali	4	Sa	UT-11	4	Tu		4	Fr		4	Fr		4	Mo	
5	Fr	DPT - P46	5	Su		5	We		5	Sa		5	Sa		5	Tu	
6	Sa	PT-3	6	Mo		6	Th		6	Su		6	Su		6	We	
7	Su		7	Tu		7	Fr		7	Mo		7	Mo		7	Th	FST-4
8	Mo	DPT - C46	8	We	SBT-4 (HA)	8	Sa		8	Tu		8	Tu		8	Fr	
9	Tu	DPT - B46	9	Th		9	Su		9	We		9	We		9	Sa	
10	We	DPT - P47	10	Fr		10	Mo		10	Th		10	Th		10	Su	
11	Th	DPT - C47	11	Sa		11	Tu		11	Fr		11	Fr		11	Mo	
12	Fr	DPT - B47	12	Su		12	We		12	Sa		12	Sa		12	Tu	
13	Sa	DPT - P48	13	Mo		13	Th		13	Su		13	Su		13	We	
14	Su		14	Tu		14	Fr		14	Mo		14	Mo		14	Th	FST-5
15	Mo	DPT - C48	15	We		15	Sa		15	Tu		15	Tu		15	Fr	
16	Tu	DPT - B48	16	Th		16	Su		16	We		16	We		16	Sa	
17	We	DPT - P49	17	Fr		17	Mo		17	Th		17	Th	FST-1	17	Su	
18	Th	DPT - C49	18	Sa	UT-12	18	Tu		18	Fr		18	Fr		18	Mo	
19	Fr	Guru Nanak Jayanti	19	Su		19	We		19	Sa		19	Sa		19	Tu	
20	Sa	UT-10	20	Mo		20	Th		20	Su		20	Su		20	We	
21	Su		21	Tu		21	Fr		21	Mo		21	Mo		21	Th	FST-6
22	Mo	DPT - B49	22	We		22	Sa	CT-2	22	Tu		22	Tu		22	Fr	
23	Tu	DPT - P50	23	Th		23	Su		23	We		23	We		23	Sa	
24	We	DPT - C50	24	Fr		24	Mo		24	Th		24	Th	FST-2	24	Su	
25	Th	DPT - B50	25	Sa	Christmas Day	25	Tu		25	Fr		25	Fr		25	Mo	
26	Fr	DPT - P51	26	Su		26	We	Republic Day	26	Sa		26	Sa		26	Tu	
27	Sa	DPT - C51	27	Mo		27	Th		27	Su		27	Su		27	We	
28	Su		28	Tu		28	Fr		28	Mo		28	Mo		28	Th	FST-7
29	Mo	DPT - B51	29	We		29	Sa					29	Tu		29	Fr	
30	Tu	DPT - C52	30	Th		30	Su					30	We		30	Sa	
			31	Fr		31	Mo					31	Th	FST-3			

Holiday Sunday

Thank You

ALL THE BEST FOR YOUR EXAMS!!

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