

DPT NAME	SYLLABUS
Botany Daily Test 01 for _Class_12th_Medical	Reproduction in Organisms:-Life span, Basic features of reproduction, Asexual reproduction-Features, Methods (Binary fission, Budding, Sporulation).
Botany Daily Test 02 for _Class_12th_Medical	Reproduction in Organisms:-Vegetative propagation - Natural and artificial (cutting)
Botany Daily Test 03 for _Class_12th_Medical	Reproduction in Organisms:-Artificial (Layering & grafting), Sexual reproduction - Features, Phases of life cycle
Botany Daily Test 04 for _Class_12th_Medical	Reproduction in Organisms:-Events i.e. Pre-fertilisation, Fertilization and Post-fertilization.
Botany Daily Test 05 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Introduction, Flower - A fascinating organ of angiosperms, Pre-fertilization - structures and events - Stamen, Microsporangium, Microsporogenesis.
Botany Daily Test 06 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Pollen grain, Development of male gametophyte, The pistil, Megasporangium (ovule), Types of ovules
Botany Daily Test 07 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Megasporeogenesis, Embryo sac/Female gametophyte development
Botany Daily Test 08 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Pollination : Objective, Kinds - Autogamy, Geitonogamy, Xenogamy, Agents of pollination - Wind, Water, Insects
Botany Daily Test 09 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Outbreeding devices, Pollen-pistil interaction
Botany Daily Test 10 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Double fertilization, Post-fertilization structures and events - Endosperm
Botany Daily Test 11 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Embryo development, Post fertilization, structure and events - Seed
Botany Daily Test 12 for _Class_12th_Medical	Sexual Reproduction in Organisms:-Fruit; Apomixis and Polyembryony.
Botany Daily Test 13 for _Class_12th_Medical	Principles of Inheritance & Variation:-Mendel's laws of inheritance - Dominance, Segregation
Botany Daily Test 14 for _Class_12th_Medical	Principles of Inheritance & Variation:-Explanation of the concept of dominance, Incomplete and co-dominance
Botany Daily Test 15 for _Class_12th_Medical	Principle of inheritance and variation
Botany Daily Test 16 for _Class_12th_Medical	Principles of Inheritance & Variation:-Multiple alleles, Pleiotropy, Inheritance of two genes, Law of independent assortment
Botany Daily test 17 for _Class_12th_Medical	Principles of Inheritance & Variation:-Complementary genes, Duplicate genes, Epistasis
Botany Daily Test 18 for _Class_12th_Medical	Principles of Inheritance & Variation:-Polygenic inheritance, Chromosomal theory of inheritance
Botany Daily Test 19 for _Class_12th_Medical	Principles of Inheritance & Variation:-Linkage and recombination
Botany Daily Test 20 for _Class_12th_Medical	Principles of Inheritance & Variation:-Sex determination, Mutations - Gene mutation

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Botany Daily Test 21 for_Class_12th_Medical	Principles of Inheritance & Variation:-Mutations - Chromosomal aberrations, Genomatic mutation
Botany Daily Test 22 for_Class_12th_Medical	Principles of Inheritance & Variation:-Pedigree analysis, Cytoplasmic inheritance
Botany Daily Test 23 for_Class_12th_Medical	Principles of Inheritance & Variation:-Genetic disorders - Mendelian and Chromosomal disorders.
Botany Daily Test 24 for_Class_12th_Medical	Molecular Basis of Inheritance:-Introduction, The DNA-structure of polynucleotide chain, Derivation of DNA structure, DNA packaging in prokaryotes
Botany Daily Test 25 for_Class_12th_Medical	Molecular Basis of Inheritance:-Packaging in eukaryotes, The search for genetic material, Transforming principle, Evidence from experiments with bacteriophage, Properties of genetic material,
Botany Daily Test 26 for_Class_12th_Medical	Molecular Basis of Inheritance:-RNA world, Replication of DNA - The experimental proof, The machinery and enzymes.
Botany Daily Test 27 for_Class_12th_Medical	Molecular Basis of Inheritance:-Transcription - Transcription unit, Types of RNAs
Botany Daily Test 28 for_Class_12th_Medical	Molecular Basis of Inheritance:-Process of Transcription in prokaryotes, Transcription in Eukaryotes
Botany Daily Test 29 for_Class_12th_Medical	Molecular Basis of Inheritance:-Genetic code - Salient features
Botany Daily Test 30 for_Class_12th_Medical	Molecular Basis of Inheritance:-t-RNA - The adapter molecule, Translation.
Botany Daily Test 31 for_Class_12th_Medical	Molecular Basis of Inheritance:-Regulation of gene expression, Operon concept
Botany Daily Test 32 for_Class_12th_Medical	Molecular Basis of Inheritance:-Human genome project - Goals, Methodologies, Salient features, Applications and Future challenges, DNA fingerprinting.
Botany Daily Test 33 for_Class_12th_Medical	Strategies for Enhancement in Food Production:-Introduction, Plant breeding – Definition, Main steps
Botany Daily Test 34 for_Class_12th_Medical	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,
Botany Daily Test 35 for_Class_12th_Medical	Strategies for Enhancement in Food Production:-Tissue culture – Definition, Environmental conditions, Types, Applications
Botany Daily Test 36 for_Class_12th_Medical	Microbes in Human Welfare:-Introduction, Microbes in household products, Industrial products.
Botany Daily Test 37 for_Class_12th_Medical	Microbes in Human Welfare:-Microbes in sewage treatment, Biogas production,
Botany Daily Test 38 for_Class_12th_Medical	Microbes in Human Welfare:-Biocontrol agents, Biofertilizers.
Botany Daily Test 39 for_Class_12th_Medical	Organisms and Populations:-Introduction, Levels of organisation, Major biomes.
Botany Daily Test 40 for_Class_12th_Medical	Organisms and Populations:-Abiotic Factors - Temperature, Light, Water, Soil

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Botany Daily Test 41 for _Class_12th_Medical	Organisms and Populations:-Response to abiotic factors, Adaptations
Botany Daily Test 42 for _Class_12th_Medical	Organisms and Populations:-Population – characteristics, growth, growth models
Botany Daily Test 43 for _Class_12th_Medical	Organisms and Populations:-Population interactions.
Botany Daily Test 44 for _Class_12th_Medical	Ecosystem:-Introduction, Types of ecosystem, Components of ecosystem, Ecosystem structure, Productivity and decomposition.
Botany Daily Test 45 for _Class_12th_Medical	Ecosystem:-Energy flow, Ecological pyramids, Nutrient cycling
Botany Daily Test 46 for _Class_12th_Medical	Ecosystem:-Ecological succession, Ecosystem services.
Botany Daily Test 47 for _Class_12th_Medical	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.
Botany Daily Test 48 for _Class_12th_Medical	Biodiversity and Conservation:-Loss of biodiversity and its conservation.
Botany Daily Test 49 for _Class_12th_Medical	Environmental Issues:-Introduction, Air pollution and its control
Botany Daily Test 50 for _Class_12th_Medical	Environmental Issues:-Noise pollution, Water pollution and its control, Solid waste., Agrochemicals and their effects, Radioactive pollution
Botany Daily Test 51 for _Class_12th_Medical	Environmental Issues:-Greenhouse effect and global warming, Ozone depletion, Degradation by improper resource utilization and maintenance, Deforestation.
Chemistry Daily Test 01 for _Class_12th_Medical	Solid State: General characteristics of solid-state, Amorphous and crystalline solids. Classification of crystalline solids : Molecular, ionic, metallic and covalent solids
Chemistry Daily Test 02 for _Class_12th_Medical	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
Chemistry Daily Test 03 for _Class_12th_Medical	Solid State: Close packed structures in 2D and 3D ccp and hcp arrangements, Formula of a compound and number of voids filled
Chemistry Daily Test 04 for _Class_12th_Medical	Solid State: Locating tetrahedral and octahedral voids
Chemistry Daily Test 05 for _Class_12th_Medical	Solid State: Packing efficiency in simple cubic, hcp/ccp and bcc lattices
Chemistry Daily Test 06 for _Class_12th_Medical	Solid State: Calculation involving unit cell dimensions
Chemistry Daily Test 07 for _Class_12th_Medical	Solid State: Structure of Ionic solids
Chemistry Daily Test 08 for _Class_12th_Medical	Solid State: Imperfections in solids : Types of point defects electrical and magnetic properties
Chemistry Daily Test 09 for _Class_12th_Medical	Solutions-Types of solutions, Expressing concentration of solutions. Solubility of a solid in a liquid and gas in a liquid (Henry-law)
Chemistry Daily Test 10 for _Class_12th_Medical	Solutions-Vapour pressure of liquid solutions, Raoult's law for binary solutions. Ideal and non-ideal solutions

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Chemistry Daily Test 11 for_Class_12th_Medical	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
Chemistry Daily Test 12 for_Class_12th_Medical	Solutions-Abnormal molar masses and van't Hoff factor
Chemistry Daily Test 13 for_Class_12th_Medical	Electrochemistry-Electrochemical cells, Galvanic cells : S.H.E and measurement of electrode potential, Nernst equation
Chemistry Daily Test 14 for_Class_12th_Medical	Electrochemistry-Equilibrium constant from Nernst equation, Gibbs free energy and electrochemical cell and Gibb's energy of the reaction
Chemistry Daily Test 15 for_Class_12th_Medical	Electrochemistry-Conductance of electrolytic solutions, measurement of the conductivity of ionic solutions
Chemistry Daily Test 16 for_Class_12th_Medical	Electrochemistry-Variation of conductivity and molar conductivity with dilution in case of strong electrolyte and weak electrolyte. Kohlrausch law
Chemistry Daily Test 17 for_Class_12th_Medical	Electrochemistry-Electrolytic cells and electrolysis : Faraday laws of electrolysis. Products of electrolysis
Chemistry Daily Test 18 for_Class_12th_Medical	Electrochemistry-Batteries : Primary and secondary batteries fuel cells. Corrosion
Chemistry Daily Test 19 for_Class_12th_Medical	Chemical Kinetics-Rate of a chemical reaction. Factors influencing rate of reactions. Rate expression and rate constant
Chemistry Daily Test 20 for_Class_12th_Medical	Chemical Kinetics-Order and molecularity of a reaction, Integrated rate equations for zero and first order reactions. Half-life of a reaction
Chemistry Daily Test 21 for_Class_12th_Medical	Chemical Kinetics-Pseudo first order reaction. Temperature dependence of the rate of a reaction
Chemistry Daily Test 22 for_Class_12th_Medical	Chemical Kinetics-Effect of catalyst, Collision theory of chemical reactions & Assignments
Chemistry Daily Test 23 for_Class_12th_Medical	Surface Chemistry-Adsorption vs Absorption, Mechanism of adsorption, Types of adsorption, Freundlich adsorption isotherm, Adsorption isobar
Chemistry Daily Test 24 for_Class_12th_Medical	Surface Chemistry-Homogeneous vs Heterogeneous catalysis, Different classification of colloids and their preparation methods
Chemistry Daily Test 25 for_Class_12th_Medical	Mechanical, Electrical and Optical properties of colloids, Emulsions
Chemistry Daily Test 26 for_Class_12th_Medical	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
Chemistry Daily Test 27 for_Class_12th_Medical	General Principles and Processes of Isolation of Elements-Leaching, Thermodynamic aspects of Metallurgy (Ellingham diagram), Extractive metallurgy

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Chemistry Daily Test 28 for_Class_12th_Medical	General Principles and Processes of Isolation of Elements-Refining of metals, Extractive metallurgy, uses of Al, Cu, Zn and Fe
Chemistry Daily Test 29 for_Class_12th_Medical	p-Block Elements-Group-15 : N ₂ , NH ₃ , Oxides of Nitrogen, HNO ₃ , P-Allotropic forms, PH ₃ ,
Chemistry Daily Test 30 for_Class_12th_Medical	p-Block Elements-Ozone, Sulphur-Allotropic forms, Phosphorus halides, oxoacids of phosphorus, Group 16: O ₂ , simple oxides, compounds of sulphur
Chemistry Daily Test 31 for_Class_12th_Medical	p-Block Elements-Group 17 elements: Compounds of chlorine, oxoacids of halogens, interhalogen compounds. Group-18 : Physical properties of Inert gases, Xenon compounds
Chemistry Daily Test 32 for_Class_12th_Medical	d & f-Block Elements-General properties of d-block elements, Preparation and properties and uses of KMnO ₄ and K ₂ Cr ₂ O ₇
Chemistry Daily Test 33 for_Class_12th_Medical	d & f-Block Elements-f-Block elements (General characteristic) and Lanthanoids contraction, The actinoids and some application of d and f block elements
Chemistry Daily Test 34 for_Class_12th_Medical	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
Chemistry Daily Test 35 for_Class_12th_Medical	Coordination Compounds-Valence bond theory of complex compounds, Crystal field theory colour of coordination complexes
Chemistry Daily Test 36 for_Class_12th_Medical	Coordination Compounds-Bonding in metal carbonyls & organometallics, Stability of coordination compounds, Importance & Application of coordination compounds
Chemistry Daily Test 37 for_Class_12th_Medical	Haloalkanes and Haloarenes-Classification of Halogen compounds, Nomenclature of Halogen compounds, Nature of C-X bond and methods of preparation of Haloalkanes & Haloarenes
Chemistry Daily Test 38 for_Class_12th_Medical	Haloalkanes and Haloarenes-Physical properties of Haloalkanes, optical activity, Nucleophilic substitution reactions of haloalkanes
Chemistry Daily Test 39 for_Class_12th_Medical	Haloalkanes and Haloarenes-Elimination reactions in haloalkanes, Elimination versus substitution, Reactions of R-X with Na
Chemistry Daily Test 40 for_Class_12th_Medical	Haloalkanes and Haloarenes-Aromatic nucleophilic substitution, Elimination addition Reaction, Electrophilic substitution of ArX, Polyhalogen compounds
Chemistry Daily Test 41 for_Class_12th_Medical	Alcohols, Phenols and Ethers-Common and IUPAC names of alcohols and ethers, Preparation of aliphatic alcohols
Chemistry Daily Test 42 for_Class_12th_Medical	Alcohols, Phenols and Ethers-Preparation of aromatic alcohols and Physical properties, Chemical reactions of alcohols, phenols
Chemistry Daily Test 43 for_Class_12th_Medical	Alcohols, Phenols and Ethers-Preparation of ethers, Physical properties of ethers, Chemical properties of ethers, Some commercially important alcohols and ethers

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Chemistry Daily Test 44 for _Class_12th_Medical	Aldehydes, Ketones and Carboxylic Acids-Nomenclature of Aldehydes and Ketones. Structure of carbonyl group, Preparation of Aldehydes & Ketones
Chemistry Daily Test 45 for _Class_12th_Medical	Aldehydes, Ketones and Carboxylic Acids-Physical properties of aldehydes and ketones. Nucleophilic addition reactions
Chemistry Daily Test 46 for _Class_12th_Medical	Aldehydes, Ketones and Carboxylic Acids-Nucleophilic addition reaction followed by elimination, Reduction & oxidation reactions of aldehydes & ketones
Chemistry Daily Test 47 for _Class_12th_Medical	Aldehydes, Ketones and Carboxylic Acids-, Halogenation & Reaction with alkalis, Nomenclature of carboxylic acids, Preparation of carboxylic acids, Physical & Chemical properties of Carboxylic acids
Chemistry Daily Test 48 for _Class_12th_Medical	Amines-Amines : Structure, Nomenclature and preparation of amines
Chemistry Daily Test 49 for _Class_12th_Medical	Amines- Chemical reactions of aliphatic and aromatic amines; Diazonium salts
Chemistry Daily Test 50 for _Class_12th_Medical	Biomolecules-Carbohydrates, Amino acids
Chemistry Daily Test 51 for _Class_12th_Medical	Polymers-Types of polymerisation, classification and monomers of different polymers
Chemistry Daily Test 52 for _Class_12th_Medical	Polymers-Biodegradable polymer and polymers of commercial importance
Chemistry Daily Test 53 for _Class_12th_Medical	Chemistry in Everyday Life-Chemistry in Everyday Life
Physics Daily Test 01 for _Class_12th_Medical	Electric Charges & Field:-Introduction, Electric charges, Conductors and insulators
Physics Daily Test 02 for _Class_12th_Medical	Electric Charges & Field:-Charging by induction, Basic properties of electric charges
Physics Daily Test 03 for _Class_12th_Medical	Electric Charges & Field:-Coulomb's law, Force between multiple charges
Physics Daily Test 04 for _Class_12th_Medical	Electric Charges & Field:-Electric Field, Electric field due to system of charges
Physics Daily Test 05 for _Class_12th_Medical	Electric Charges & Field:-Electric field lines, Electric Dipole
Physics Daily Test 06 for _Class_12th_Medical	Electric Charges & Field:-Dipole in a uniform external field, Electric flux
Physics Daily Test 07 for _Class_12th_Medical	Electric Charges & Field:-Continuous charge distribution
Physics Daily Test 08 for _Class_12th_Medical	Electric Charges & Field:-Gauss's Law, Application of Gauss's law
Physics Daily Test 09 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-Introduction, electrostatic potential, potential due to a point charge
Physics Daily Test 10 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-potential due to Different charge system
Physics Daily Test 11 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-potential due to a system of charges
Physics Daily Test 12 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-Equipotential surfaces
Physics Daily Test 13 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-Potential energy of a system of charges, Potential energy in an external field
Physics Daily Test 14 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-Electrostatics of conductors, dielectrics and polarization

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Physics Daily Test 15 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-Capacitors and capacitance, The parallel plate capacitor
Physics Daily Test 16 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-Effect of dielectrics on capacitance
Physics Daily Test 17 for _Class_12th_Medical	Electrostatic Potential and Capacitance:-Combination of capacitors
Physics Daily Test 18 for _Class_12th_Medical	Electrostatic Potential and Capacitance:- Energy stored in a capacitor, Van de Graff Generator.
Physics Daily Test 19 for _Class_12th_Medical	Current Electricity:-Introduction, Electric current, Electric currents in conductors. Ohm's law, Drift of electrons and the origin of resistivity
Physics Daily Test 20 for _Class_12th_Medical	Current Electricity:-Limitations of Ohm's law, Resistivity of various material, Temperature dependence of resistivity, Electrical energy power
Physics Daily Test 21 for _Class_12th_Medical	Current Electricity:-Combination of resistors, series and parallel
Physics Daily Test 22 for _Class_12th_Medical	Current Electricity:-Cells, emf. Internal resistance, cells in series and in parallel
Physics Daily Test 23 for _Class_12th_Medical	Current Electricity:-Kirchhoff's laws and its application
Physics Daily Test 24 for _Class_12th_Medical	Current Electricity:-Wheatstone bridge, Meter Bridge
Physics Daily Test 25 for _Class_12th_Medical	Current Electricity:-Potentiometer.
Physics Daily Test 26 for _Class_12th_Medical	Moving Charges and Magnetism:-Introduction, Magnetic force
Physics Daily Test 27 for _Class_12th_Medical	Moving Charges and Magnetism:-Motion in a magnetic field, Motion in combined Electric and Magnetic fields
Physics Daily Test 28 for _Class_12th_Medical	Moving Charges and Magnetism:-Biot-savart's law, Magnetic field on the axis of a circular current loop
Physics Daily Test 29 for _Class_12th_Medical	Moving Charges and Magnetism:-Cyclotron, Magnetic field due to a current element
Physics Daily Test 30 for _Class_12th_Medical	Moving Charges and Magnetism:-Ampere' Circuital Law, The solenoid and the toroid ,Force between two parallel currents, the ampere
Physics Daily Test 31 for _Class_12th_Medical	Moving Charges and Magnetism:-Torque on current loop, Magnetic dipole, Moving coil Galvanometer.
Physics Daily Test 32 for _Class_12th_Medical	Magnetism and Matter:-Introduction, The bar magnet, Magnetism and Gauss's Law
Physics Daily Test 33 for _Class_12th_Medical	Magnetism and Matter:-The Earth's magnetism
Physics Daily Test 34 for _Class_12th_Medical	Magnetism and Matter:-Tangent Law and its applications
Physics Daily Test 35 for _Class_12th_Medical	Magnetism and Matter:-Magnetization and magnetic intensity, Magnetic properties of materials, Permanent magnets and electromagnets
Physics Daily Test 36 for _Class_12th_Medical	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

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Physics Daily Test 37 for _Class_12th_Medical	Electromagnetic induction:-Energy consideration, A quantitative study Eddy currents, Electromagnetic induction:-Inductance,
Physics Daily Test 38 for _Class_12th_Medical	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
Physics Daily Test 39 for _Class_12th_Medical	Alternating Current:-AC voltage applied to a series LCR circuit, Power in AC circuit, The power factor, LC Oscillations, transformers.
Physics Daily Test 40 for _Class_12th_Medical	Electromagnetic Waves:-Introduction, Displacement currents, Electromagnetic waves, Electromagnetic spectrum,
Physics Daily Test 41 for _Class_12th_Medical	Ray Optics & Optical Instruments:- Introduction, Reflection of light spherical mirrors, Refraction
Physics Daily Test 42 for _Class_12th_Medical	Ray Optics & Optical Instruments:-Total internal reflection, Refraction at spherical surface, Refraction through lenses
Physics Daily Test 43 for _Class_12th_Medical	Ray Optics & Optical Instruments:-Refraction through a prism, Dispersion by prism, some natural phenomena due to sunlight, Optical instruments – The eye, microscope
Physics Daily Test 44 for _Class_12th_Medical	Ray Optics & Optical Instruments:- Optical instruments – Telescope, microscope
Physics Daily Test 45 for _Class_12th_Medical	Wave Optics:-Introduction, Huygens Principle, Refraction and Reflection of plane waves using Huygens principle, Coherent and incoherent addition of waves, Interference of light waves
Physics Daily Test 46 for _Class_12th_Medical	Wave Optics:- Young's experiment, Diffraction, Polarization.
Physics Daily Test 47 for _Class_12th_Medical	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
Physics Daily Test 48 for _Class_12th_Medical	Dual Nature of Radiation and Matter:-Wave nature of matter, Davisson and Germer Experiment.
Physics Daily Test 49 for _Class_12th_Medical	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
Physics Daily Test 50 for _Class_12th_Medical	Nuclei:-Introduction, Atomic masses and composition of nucleus, size of the nucleus, Mass energy and nuclear binding energy, Nuclear force, Radioactivity, Nuclear energy.

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Physics Daily Test 51 for _Class_12th_Medical	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
Zoology Daily Test 01 for _Class_12th_Medical	Reproduction in Organisms:-Average & maximum life span, Life expectancy, population growth, Types of Reproduction–Asexual reproduction: Fission (binary & multiple), Budding (internal & external), Fragmentation Regeneration.
Zoology Daily Test 02 for _Class_12th_Medical	Reproduction in Organisms:-Sexual reproduction: Outline of reproductive system of cockroach and earthworm; Prefertilization events (Gametogenesis, oestrous cycle), Syngamy.
Zoology Daily Test 03 for _Class_12th_Medical	Reproduction in Organisms:-Post fertilization events: Embryogenesis, oviparous and viviparous animals; Parthenogenesis.
Zoology Daily Test 04 for _Class_12th_Medical	Human Reproduction:-Sex organs, Male reproductive system: Testes, Epididymis, Vas deferens, Penis, Accessory glands of male reproductive system, Seminal plasma and semen
Zoology Daily Test 05 for _Class_12th_Medical	Human Reproduction:-Structure of female reproductive system, Fallopian tubes, uterus, Vagina, Female External genitalia and Accessory genital glands
Zoology Daily Test 06 for _Class_12th_Medical	Human Reproduction:-Structure of Mammary glands, Spermatogenesis and its hormonal control, Structure of mature sperm
Zoology Daily Test 07 for _Class_12th_Medical	Human Reproduction:- Oogenesis and structure of ovum & ovary
Zoology Daily Test 08 for _Class_12th_Medical	Human Reproduction:-Menstrual cycle: Various events and its hormonal control
Zoology Daily Test 09 for _Class_12th_Medical	Human Reproduction:-Capacitation and acrosomal reactions, Fertilisation fast block and slow block to prevent polyspermy, Embryonic development cleavage, morula, blastula and implantation
Zoology Daily Test 10 for _Class_12th_Medical	Human Reproduction:-Gastrulation, fate of three germinal layers, Pregnancy and embryonic development
Zoology Daily Test 11 for _Class_12th_Medical	Human Reproduction:-Major features, function and types of placenta
Zoology Daily Test 12 for _Class_12th_Medical	Human Reproduction:-Parturition and lactation
Zoology Daily Test 13 for _Class_12th_Medical	Reproductive Health:-Reproductive Health, Problems & Strategies, Population explosion, Human population growth
Zoology Daily Test 14 for _Class_12th_Medical	Reproductive Health:-Methods of Birth control, Medical termination of pregnancy (MTP)
Zoology Daily Test 15 for _Class_12th_Medical	Reproductive Health:-STD (Venereal Diseases), Infertility, ART (Assisted reproductive technology)
Zoology Daily Test 16 for _Class_12th_Medical	Evolution: Theories & Evidences:-Origin of universe (Big bang theory) Solar system, Theories of origin of life: Panspermia theory, Abiogenesis theory, Theory of biogenesis

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Zoology Daily Test 17 for _Class_12th_Medical	Evolution: Theories & Evidences:-Chemical origin of life, Stanley Miller's experiment, Prebiotic system coacervate and microsphere, Geological time scale
Zoology Daily Test 18 for _Class_12th_Medical	Evolution: Theories & Evidences:-Evidences of evolution – Palaentological, evolution of horse
Zoology Daily Test 19 for _Class_12th_Medical	Evolution: Theories & Evidences:-Morphological and anatomical evidences of evolution-Homologous, analogous, Vestigeal organs
Zoology Daily Test 20 for _Class_12th_Medical	Evolution: Theories & Evidences:-Evidences from: Connecting links, Embryological evidences, Biogeographical evidences, Adaptive radiation
Zoology Daily Test 21 for _Class_12th_Medical	Evolution: Theories & Evidences:-Lamarck's theory, Darwin's theory–Darwin novelty
Zoology Daily Test 22 for _Class_12th_Medical	Evolution: Theories & Evidences:-Mutation theory, Hardy Weinberg principle: Gene flow, Gene migration, Genetic drift, Mutation, genetic Recombination, Natural selection
Zoology Daily Test 23 for _Class_12th_Medical	Evolution: Theories & Evidences:-Speciation: Allo patric and sympatru, Brief account of evolution: Evolution of plant forms, Evolutionary history of vertebrates through geological period
Zoology Daily Test 24 for _Class_12th_Medical	Evolution: Theories & Evidences:-Human evolution, Prior to Ape man, Ape man to prehistoric man, Prehistoric to modern man
Zoology Daily Test 25 for _Class_12th_Medical	Human Health & Disease:-Health–Various types of diseases in Human–Bacterial, Viral
Zoology Daily Test 26 for _Class_12th_Medical	Human Health & Disease:-Fungal: Ringworms, Helminthic: Ascariasis, Elephantiasis
Zoology Daily Test 27 for _Class_12th_Medical	Human Health & Disease:-Protozoan: Life cycle of Plasmodium vivax and Entamoeba histolytica
Zoology Daily Test 28 for _Class_12th_Medical	Human Health & Disease:-Types of Immunity–Innate and acquired, Humoral mediated Immunity
Zoology Daily Test 29 for _Class_12th_Medical	Human Health & Disease:-Cell Mediated Immunity, Active & Passive Immunity, Vaccination and Immunisation
Zoology Daily Test 30 for _Class_12th_Medical	Human Health & Disease:-Allergies, Auto immunity, Immune system of the body, Lymphoid organs: Primary and Secondary
Zoology Daily Test 31 for _Class_12th_Medical	Human Health & Disease:-AIDS–Cause, Detection, Symptoms, Prevention
Zoology Daily Test 32 for _Class_12th_Medical	Human Health & Disease:-Cancer–Causes, detection & diagnosis, Treatment
Zoology Daily Test 33 for _Class_12th_Medical	Human Health & Disease:-Alcohol and Tobacco Opioids, Cannabinoids, Sedatives, Hallucinogens, Stimulants, Primary and Secondary
Zoology Daily Test 34 for _Class_12th_Medical	Human Health & Disease:-Adolescence, Addiction & dependence, Effects of drugs & alcohol abuse, Prevention & control

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Zoology Daily Test 35 for _Class_12th_Medical	Animal Husbandry:-Dairy farm management, Poultry farm management, Indigenous & exotic breeds, Bacterial, Viral & Fungal disease
Zoology Daily Test 36 for _Class_12th_Medical	Animal Husbandry:-Live stocks, Animal Breeding, Inbreeding, Outbreeding, Out crossing, Cross breeding, Interspecific hybridisation, MOET, Artificial Insemination
Zoology Daily Test 37 for _Class_12th_Medical	Animal Husbandry:-Bee keeping, Sericulture, Aqua culture (Fisheries)
Zoology Daily Test 38 for _Class_12th_Medical	Biotechnology-Principles and Processes:-Biotechnology-Principles, Tools of recombinant DNA technology
Zoology Daily Test 39 for _Class_12th_Medical	Biotechnology-Principles and Processes:-Separation and Isolation of DNA fragments Cloning vectors, Competent host
Zoology Daily Test 40 for _Class_12th_Medical	Biotechnology-Principles and Processes:- Processes of recombinant DNA technology
Zoology Daily Test 41 for _Class_12th_Medical	Biotechnology and its Applications:-Biotechnological applications in agriculture–Bt cotton, Pest resistant plants
Zoology Daily Test 42 for _Class_12th_Medical	Biotechnology and its Applications:-Biotechnological applications in medicine–Genetically engineered insulin, Gene Therapy, Molecular Diagnosis
Zoology Daily Test 43 for _Class_12th_Medical	Biotechnology and its Applications:-Transgenic Animals, Ethical Issues, Biopiracy
Zoology Daily Test 44 for _Class_12th_Medical	Revision Test