

| DPT NAME                             | SYLLABUS   |
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| Eng + SSt Daily Test 01 for_Class-10 | "Eng: Reading Comprehension:- Reading Passages; Introduction to methods of reading; Types of Passages; Types of Questions; Reading Poetry; Poetic devices<br>SSt: Geography, Ch1: Resources and Development:- Meaning Of Resources, Types Of Resources, Development Of Resources, Sustainable Development, Resource Planning, Resource Planning In India, Conservation Of Resources, Land Resources, Land Utilization, Land Use Pattern In India, Land Degradation And Conservation Measures, Soil As A Resource, Classification Of Soils, Soil Erosion And Soil Conservation" |
| Eng + SSt Daily Test 02 for_Class-10 | "Eng: Determiners<br>SSt: History, Ch5: The Age of Industrialization:- Introduction, Before The Industrial Revolution, Hand Labour And Steam Power, Industrialization In The Colonies, Factories Come Up, The Peculiarities Of Industrial Growth, Market For Goods"  |
| Eng + SSt Daily Test 03 for_Class-10 | "Eng: Finites and Non-Finites<br>SSt: Political Science, Ch1: Power Sharing :- Belgium And Sri Lanka , Majoritarianism In Sri Lanka, Accommodation In Belgium, Forms Of Power Sharing"   |
| Eng + SSt Daily Test 04 for_Class-10 | Eng: Verb Agreement:- Rules of subject – Verb agreement; Errors of Subject – Verb Agreement; Spotting the error; Sentence Improvement<br>SSt: Economics, Ch1: Development:- What Development Promises-Different People, Different Goals, Income And Other Goals, National Development, How To Compare Different Countries Or States?, Income And Other Criteria, Public Facilities, Sustainability Of Development"   |
| Eng + SSt Daily Test 05 for_Class-10 | "Eng: Modals<br>Sst: Geography, Ch2: Forest and Wildlife Resources:- Introduction, Flora And Fauna In India, Classification Of Plant And Animal Species By IUCN, Causes Of Depletion Of Forests And Wildlife, Conservation Of Forest And Wildlife In India, Types And Distribution Of Forest And Wildlife Resources, Community And Conservation"   |
| Eng + SSt Daily Test 06 for_Class-10 | "Eng: Tenses<br>SSt: Political Science, Ch2: Federalism:- What Is Federalism?, What Makes India A Federal Country?, How Is Federalism Practiced?, Decentralisation In India"   |
| Eng + SSt Daily Test 07 for_Class-10 | "Eng: Conditionals<br>SSt: Geography, Ch3: Water Resources:- Introduction, Water Scarcity And The Need For Water Conservation And Management, Multi-Purpose River Projects And Integrated Water Resources Management, Rainwater Harvesting"  |
| Eng + SSt Daily Test 08 for_Class-10 | "Eng: Voice change<br>SSt: Political Science, Ch3: Democracy and Diversity:- A Story From Mexico Olympics, Differences, Similarities, Divisions, Politics Of Social Divisions"   |

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| Eng + SSt Daily Test 09 for_Class-10 | Eng: Reported speech<br>SSt: Geography, Ch4: Agriculture:- Introduction, Types Of Farming, Primitive Subsistence Farming, Intensive Subsistence Farming, Commercial Farming, Cropping Pattern-Rabi, Kharif, Zaid, Major Crops-Rice, Wheat, Millets, Maize, Pulses, Food Crops Other Than Grains-Sugarcane, Oilseeds, Tea, Coffee, Horticulture Crops, Non-Food Crops-Rubber, Fibre Crops-Cotton And Jute, Technological And Institutional Reforms, Bhoodan-Gramdan, Contribution Of Agriculture To The National Economy, Employment And Output, Food Security, Impact Of Globalization On Agriculture   |
| Eng + SSt Daily Test 10 for_Class-10 | Eng: Prepositions<br>SSt: History, Ch7: Print Culture and the Modern World:- Introduction, The First Printed Books, Print Comes To Europe, The Print Revolution And Its Impact, The Reading Mania, The Nineteenth Century, India And The World Of Printing, Religious Reform And Public Debates, New Forms Of Publication, Print And Censorship   |
| Eng + SSt Daily Test 11 for_Class-10 | Eng: Connectors<br>SSt: Political Science, Ch4: Gender Religion and Caste:- Gender And Politics, Religion, Communalism And Politics, Caste And Politics   |
| Eng + SSt Daily Test 12 for_Class-10 | Eng: Relatives<br>SSt: Economics, Ch2: Sectors of the Indian Economy:- Sectors Of Economic Activities, Comparing The Three Sectors, Primary, Secondary And Tertiary Sectors In India, Division Of Sectors As Organized And Unorganized, Sectors In Terms Of Ownership: Public And Private Sectors"  |
| Eng + SSt Daily Test 13 for_Class-10 | Eng: Comparison and Nominalisation<br>SSt: Geography, Ch5: Minerals and Energy Resources:- What Is A Mineral?, Classification Of Minerals, Mode Of Occurrence Of Minerals, Metallic Minerals, Ferrous Minerals-Iron, Manganese, Non-Ferrous Minerals-Copper, Bauxite And Aluminium, Non-Metallic Minerals-Mica, Rock Minerals-Limestone, Conservation Of Minerals, Energy Resources, Conventional Sources Of Energy-Coal, Petroleum, Natural Gas, Electricity(Hydro And Thermal), Non-Conventional Sources Of Energy-Nuclear Or Atomic Energy, Solar Energy, Wind Power, Biogas, Tidal Energy, Geo Thermal Energy, Conservation Of Energy Resources |
| Eng + SSt Daily Test 14 for_Class-10 | Eng: Comparison & Nominalisation<br>SSt: History, Ch2: The Nationalist Movement in Indo-China:- Introduction, Emerging From The Shadow Of China, The Dilemma Of Colonial Education, Hygiene, Disease And Everyday Resistance, Religion And Anti-Colonialism, The Vision Of Modernization, The Communist Movement And Vietnamese Nationalism, The Nation And Its Heroes, The End Of The War"   |

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| Eng + SSt Daily Test 15 for_Class-10 | Eng: Sentence Rearrangement<br>SSt: Political Science, Ch5: Popular Struggles and Movements:- Popular Struggles In Nepal And Bolivia, Mobilisation And Organizations, Pressure Groups And Movements  |
| Eng + SSt Daily Test 16 for_Class-10 | Eng: Gap-Filling<br>SSt: Economics, Ch3: Money and Credit:- Money As A Medium Of Exchange, Modern Forms Of Money, Loan Activities Of Banks, Two Different Credit Situations, Terms Of Credit, Formal Sector Credit In India, Self-Help Groups For The Poor   |
| Eng + SSt Daily Test 17 for_Class-10 | Eng: Editing & Omission :- Most common errors, Types of questions<br>SSt: Geography, Ch6: Manufacturing Industries:- Meaning Of Manufacturing, Importance Of Manufacturing, Contribution Of Industry To National Economy, Industrial Location, Classification Of Industries, Agro Based Industries, Mineral Based Industries, Industrial Pollution And Environmental Degradation, Control Of Environmental Degradation       |
| Eng + SSt Daily Test 18 for_Class-10 | Eng: Editing-Omission<br>SSt: Political Science, Ch6: Political Parties:- Why Do We Need Political Parties?, How Many Parties Should We Have?, Popular Participation In Political Parties, National Political Parties, State Parties, Challenges To Political Parties, How Can Parties Be Reformed?  |
| Eng + SSt Daily Test 19 for_Class-10 | Eng: Vocabulary: Synonyms, Antonyms & One word substitution<br>SSt: Economics, Ch4: Globalisation and the Indian Economy:- Introduction, Production Across Countries, Interlinking Production Across Countries, Foreign Trade And Integration Of Markets, What Is Globalisation?, Factors That Have Enabled Globalization, World Trade Organisation, Impact Of Globalisation In India, The Struggle For A Fair Globalisation |
| Eng + SSt Daily Test 20 for_Class-10 | "Eng: Revision Test<br>SSt: Geography, Ch7: Lifelines of National Economy:- Introduction, Importance Of Transport, Transport, Roadways, Classification , Road Density, Railways, Pipelines, Waterways, Major Sea Ports, Airways, Communication, International Trade, Tourism As A Trade"   |
| Eng + SSt Daily Test 21 for_Class-10 | Eng: Revision Test<br>SSt: History, Ch3: Nationalism in India:- Introduction, The First World War, Khilafat And Non-Cooperation, Differing Strands Within The Movement, Towards Civil Disobedience, The Sense Of Collective Belonging  |
| Eng + SSt Daily Test 22 for_Class-10 | Eng: Revision Test<br>SSt: Political Science, Ch7: Outcomes of Democracy:- How We Assess Democracy's Outcomes?, Accountable, Responsive And Legitimate Government, Economic Growth And Development, Economic Outcomes Of Democracy, Reduction Of Inequality And Poverty, Accommodation Of Social Diversity, Dignity And Freedom Of The Citizens  |

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| Eng + SSt Daily Test 23 for_Class-10 | Eng: Revision Test<br>SSt: Economics, Ch5: Consumer Rights:- Introduction, The Consumer In The Marketplace, Consumer Movement, Consumer Rights, Learning To Become Well-Informed Consumers, Taking The Consumer Movement Forward        |
| Eng + SSt Daily Test 24 for_Class-10 | Eng: Revision Test<br>SSt: Political Science, Ch8: Challenges to Democracy:- Thinking About Challenges, Different Contexts, Different Challenges, Different Types Of Challenges, Thinking About Political Reforms, Redefining Democracy |
| MAT Daily Test 01 for_Class-10       | Number Series: Verbal   |
| MAT Daily Test 02 for_Class-10       | (a) Alphabetical Series, (b) Alphanumeric Series  |
| MAT Daily Test 03 for_Class-10       | MAT: Number Series, Alphabetical Series & Alpha Numeric Series  |
| MAT Daily Test 04 for_Class-10       | Analogy   |
| MAT Daily Test 05 for_Class-10       | Classification  |
| MAT Daily Test 06 for_Class-10       | MAT: Number Series, Alphabetical Series & Alpha Numeric Series, Analogy   |
| MAT Daily Test 07 for_Class-10       | Direction Sense Test  |
| MAT Daily Test 08 for_Class-10       | MAT: Number Series, Alphabetical Series & Alpha Numeric Series, Classification, Direction Sense Test  |
| MAT Daily Test 09 for_Class-10       | Coding Decoding   |
| MAT Daily Test 10 for_Class-10       | Blood Relation  |
| MAT Daily Test 11 for_Class-10       | MAT: Alphabetical Series & Alpha Numeric Series, Analogy, Classification, Direction Sense Test, Blood Relation  |
| MAT Daily Test 12 for_Class-10       | Venn Diagram  |
| MAT Daily Test 13 for_Class-10       | MAT: Venn Diagram, Coding and Decoding  |
| MAT Daily Test 14 for_Class-10       | MAT: Alphabetical Series & Alpha Numeric Series, Analogy, Direction Sense Test  |
| MAT Daily Test 15 for_Class-10       | MAT: Venn Diagram, Coding and Decoding, Direction Sense Test, Blood Relation  |
| MAT Daily Test 16 for_Class-10       | Syllogism, Venn diagram   |
| MAT Daily Test 17 for_Class-10       | Venn Diagram, Mathematical Operations   |
| MAT Daily Test 18 for_Class-10       | MAT: Classification, Venn Diagram, Analogy, Direction Sense Test, Blood Relation  |
| MAT Daily Test 19 for_Class-10       | MAT: Number Series, Alphabetical Series & Alpha Numeric Series, Direction Sense Test, Coding and Decoding, Blood Relations, Venn Diagram  |
| MAT Daily Test 20 for_Class-10       | Calendar & Clock  |
| MAT Daily Test 21 for_Class-10       | MAT: Raking Test, Calender & Clock, Analytical Reasoning, Diagramatic Puzzles   |
| MAT Daily Test 22 for_Class-10       | MAT: Coding and Decoding, Alphabetical Series & Alpha Numeric Series, Analogy, Direction Sense Test   |

| <b>DPT NAME</b>                         | <b>SYLLABUS</b>  |
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| MAT Daily Test 23 for _Class-10         | Non-Verbal (Classification, Series, Analogy)   |
| MAT Daily Test 24 for _Class-10         | Diagrammatic Puzzles   |
| MAT Daily Test 25 for _Class-10         | Cubes and Dices  |
| MAT Daily Test 26 for _Class-10         | Water and Mirror Image   |
| MAT Daily Test 27 for _Class-10         | MAT: Calender & Clock, Ranking Test, Mirror Image, Blood Relation, Direction Sense Test, Incomplete Figures, Embedded Figures, Transparent Paper Folding                                 |
| MAT Daily Test 28 for _Class-10         | MAT: Coding and Decoding, Classification, Syllogism, Blood Relation, Non-Verbal Classification, Cubes & Dices, Calender & Clock, Incomplete Figures                                      |
| MAT Daily Test 29 for _Class-10         | MAT: Number Series<br>Alphabetical & , Alphanumeric Series, Classification, Non-Verbal (Series)  |
| MAT Daily Test 30 for _Class-10         | MAT: Analogy, Classification, Direction Sense Test, Ranking Test, Non-Verbal (Classification, Analogy)   |
| MAT Daily Test 31 for _Class-10         | MAT: Blood Relation, Coding and Decoding, Venn Diagram   |
| MAT Daily Test 32 for _Class-10         | MAT: Syllogism, Mathematical Operations  |
| MAT Daily Test 33 for _Class-10         | MAT: Number Series<br>Alphabetical & Alphanumeric Series, Analogy, Classification, Coding & Decoding<br>Blood Relation, Venn Diagram, Ranking Test, Non-verbal (Analogy, Classification) |
| MAT Daily Test 34 for _Class-10         | MAT: Number Series, Alphabetical & Alphanumeric Series, Venn Diagram, Coding and Decoding, Blood Relation, Non-Verbal (Analogy), Incomplete Figure                                       |
| MAT Daily Test 35 for _Class-10         | MAT: Number Series<br>Alphabetical & Alphanumeric Series, Analogy, Coding & Decoding, Cubes & Dices, Venn Diagram, Water Image, Number and Alphabet Test                                 |
| Mathematics Daily Test 01 for _Class-10 | Real Numbers :- Introduction of Real Numbers; Euclid's division Lemma  |
| Mathematics Daily Test 02 for _Class-10 | REAL NUMBERS :- Euclid's division algorithm, Problems discussion related to Euclid's division algorithm  |
| Mathematics Daily Test 03 for _Class-10 | REAL NUMBERS:- Fundamental theorem of arithmetic; Theorem related to fundamental theorem on arithmetic; Problems discussion  |
| Mathematics Daily Test 04 for _Class-10 | REAL NUMBERS:- Rational Numbers; Irrational numbers; Theorems related to rational numbers; Theorems related to irrational numbers  |
| Mathematics Daily Test 05 for _Class-10 | Revision Test  |
| Mathematics Daily Test 06 for _Class-10 | Revision Test  |
| Mathematics Daily Test 07 for _Class-10 | POLYNOMIALS:- Introduction; Types of polynomials; Degree of the polynomial; Zeroes of the polynomial; Geometrical meaning of zeroes of a polynomial                                      |

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| Mathematics Daily Test 08 for _Class-10 | POLYNOMIALS:- Relationship between zeroes and coefficients of (a) quadratic (b) cubic polynomials; How to find unknown coefficients when relation between zeroes and coefficients is given  |
| Mathematics Daily Test 09 for _Class-10 | POLYNOMIALS :- Division algorithm for polynomials with real coefficients  |
| Mathematics Daily Test 10 for _Class-10 | Maths: Polynomials  |
| Mathematics Daily Test 11 for _Class-10 | PAIR OF LINEAR EQUATIONS IN TWO VARIABLES:- Introduction; Linear equation in two variables (consistent and inconsistent system); Geometrical representation of a pair of linear equations; System of equations representing intersecting lines; System of equations representing parallel lines; System of equations representing coincident lines ; Solution of simultaneous equations by graphical method |
| Mathematics Daily Test 12 for _Class-10 | PAIR OF LINEAR EQUATIONS IN TWO VARIABLES :- Solution of simultaneous equations by algebraic method; Substitution method; Elimination method  |
| Mathematics Daily Test 13 for _Class-10 | PAIR OF LINEAR EQUATIONS IN TWO VARIABLES:- Cross multiplication method; Solving a system of equations which can be reduced a system of simultaneous linear equations; Conditions for solvability   |
| Mathematics Daily Test 14 for _Class-10 | PAIR OF LINEAR EQUATIONS IN TWO VARIABLES :- Applications of practical problems   |
| Mathematics Daily Test 15 for _Class-10 | Revision Test (Pair of Linear Equations in two variables)   |
| Mathematics Daily Test 16 for _Class-10 | Revision Test (Pair of Linear Equations in two variables)   |
| Mathematics Daily Test 17 for _Class-10 | QUADRATIC EQUATIONS :- Introduction; Quadratic equations and its roots; Methods for solving quadratic equation; Factorization   |
| Mathematics Daily Test 18 for _Class-10 | QUADRATIC EQUATIONS :- Completing the square; Nature of roots; Framing a quadratic equation   |
| Mathematics Daily Test 19 for _Class-10 | QUADRATIC EQUATIONS :- Procedure to solve word problems   |
| Mathematics Daily Test 20 for _Class-10 | Revision Test (Quadratic Equations)   |
| Mathematics Daily Test 21 for _Class-10 | ARITHMETIC PROGRESSIONS:- Introduction; Sequence and series; Sequence; Terms of a sequence; Finite and infinite sequences; Representation of a sequence; Progression; Series; Arithmetic Progressions; nth term of an arithmetic progression  |
| Mathematics Daily Test 22 for _Class-10 | ARITHMETIC PROGRESSIONS:- Sum of n terms of an arithmetic progression; Applications of arithmetic progressions  |
| Mathematics Daily Test 23 for _Class-10 | Revision Test (Arithmetic Progressions)   |
| Mathematics Daily Test 24 for _Class-10 | TRIANGLES :- Introduction, Similar figures, Similar polygons, Similar triangles, Basic Proportionality Theorem and its converse; Problems on BPT  |
| Mathematics Daily Test 25 for _Class-10 | TRIANGLES:- Theorems related to criteria of similarity of similar triangles; AAA Similarity Theorem; SSS Similarity Theorem; SAS Similarity Theorem ; Problems on Similarity  |

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| Mathematics Daily Test 26 for _Class-10 | TRIANGLES :- Theorem related to areas of similar triangles   |
| Mathematics Daily Test 27 for _Class-10 | TRIANGLES :- Pythagoras theorem & its converse   |
| Mathematics Daily Test 28 for _Class-10 | TRIANGLES :- Internal angle bisector theorem & its converse; External angle bisector theorem   |
| Mathematics Daily Test 29 for _Class-10 | Revision Test (Triangles)  |
| Mathematics Daily Test 30 for _Class-10 | Revision Test (Triangles)  |
| Mathematics Daily Test 31 for _Class-10 | COORDINATE GEOMETRY (LINES IN TWO –DIMENSIONS) :- Introduction; Rectangular coordinate system; Coordinates of a point; Distance formula; Circumcentre of a triangle  |
| Mathematics Daily Test 32 for _Class-10 | COORDINATE GEOMETRY (LINES IN TWO – DIMENSIONS) :- Section formula, Internal division, Mid- point formula, Applications of section formula   |
| Mathematics Daily Test 33 for _Class-10 | COORDINATE GEOMETRY (LINES IN TWO – DIMENSIONS):- Area of a triangle, Slope of Line Related Problem  |
| Mathematics Daily Test 34 for _Class-10 | Revision Test (Coordinate Geometry)  |
| Mathematics Daily Test 35 for _Class-10 | INTRODUCTION TO TRIGONOMETRY :- Introduction; System of measurement of an angle; Sexagesimal system; Circular System; Centesimal System;Trigonometric ratios   |
| Mathematics Daily Test 36 for _Class-10 | INTRODUCTION TO TRIGONOMETRY:- Introduction; System of measurement of an angle; Sexagesimal system; Circular System; Centesimal System;Trigonometric ratios, Relation between different T-ratios; Reciprocal relations; Quotient relations; T-ratios of some angles ; T-ratios of complementary angles                                       |
| Mathematics Daily Test 37 for _Class-10 | INTRODUCTION TO TRIGONOMETRY :- Introduction; Trigonometric Identities (Pythagorean Identities); Problems on identities, SOME APPLICATIONS OF TROGONOMETRY:- Introduction; Basic concepts; Line of sight; Angle of elevation; Angle of depression;Problems on heights and distance   |
| Mathematics Daily Test 38 for _Class-10 | Revision Test (Introduction to Trigonometry)   |
| Mathematics Daily Test 39 for _Class-10 | CIRCLES:- Theorem: The lengths of two tangents drawn from an external point to a circle are equal.; Theorem: If two tangents are drawn to a circle from an external point, then; They subtend equal angles at the centre.; They are equally inclined to the line segment joining the centre to that point                                    |
| Mathematics Daily Test 40 for _Class-10 | Circles: Properties of intersecting chords; Angles made by a tangent and a chord; Alternate segment theorem; Theorem: If a chord and a tangent intersect externally, then the product of the lengths of the segments of the chord is equal to the square of the length of the tangent from the point of contact to the point of intersection |
| Mathematics Daily Test 41 for _Class-10 | Construction : Introduction; Division of a line segment; To divide a line segment in the ratio $m : n$ (internally); Alternate method to divide a line segment internally in the ratio $m : n$   |

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| Mathematics Daily Test 42 for_Class-10 | CONSTRUCTIONS:- Construction of tangents to a circle; Construction of a tangent to a circle at a given point when its centre is known; Construction of tangent to a circle from a point outside the circle when the centre of the circle is known; Construction of tangent to a circle from an external point without using its centre  |
| Mathematics Daily Test 43 for_Class-10 | Constructions   |
| Mathematics Daily Test 44 for_Class-10 | AREAS RELATED TO CIRCLES:- Introduction; Perimeter and area of a circle: Brief review; Area of a circular ring; Perimeter and area of a semicircle; Perimeter and area of a quadrant of a circle  |
| Mathematics Daily Test 45 for_Class-10 | AREAS RELATED TO CIRCLES:- Areas of parts of a circle; Sector, Segment, Areas of combination of plane figures   |
| Mathematics Daily Test 46 for_Class-10 | Maths: Areas related to circles   |
| Mathematics Daily Test 47 for_Class-10 | SURFACE AREAS AND VOLUMES:- Introduction; Brief review;; Cuboid; Cube; Solid cylinder; Hollow cylinder; Cone; Solid sphere; Spherical shell; Hemisphere; Hemispherical shell  |
| Mathematics Daily Test 48 for_Class-10 | SURFACE AREAS AND VOLUMES:- Surface area and volume of combination of solids, Conversion of solids, rustum of a right circular cone; Volume of frustum; Curved surface area of a frustum; Total surface area of the frustum   |
| Mathematics Daily Test 49 for_Class-10 | Maths: Surface Areas and Volumes  |
| Mathematics Daily Test 50 for_Class-10 | STATISTICS :- Introduction; Mean; Mean of a grouped data; Direct method; Assumed mean method, Step deviation method; Merits & demerits of arithmetic mean; Problems discussion  |
| Mathematics Daily Test 51 for_Class-10 | STATISTICS :- Cumulative frequency curve (or an Ogive); Less than Ogive; More than Ogive; Advantages of Ogive; Relative characteristics of Mean, Median & Mode discussion   |
| Mathematics Daily Test 52 for_Class-10 | Maths: Statistics   |
| Mathematics Daily Test 53 for_Class-10 | PROBABILITY :- Introduction; Probability: A theoretical approach; Definitions of various terms related to probability; Experiment; Random experiment; Trial; Outcomes; Sample space; Event; Elementary event; Compound event; Occurrence of an event; Equally likely outcomes of a random experiment; Complementary event   |
| Mathematics Daily Test 54 for_Class-10 | PROBABILITY :- Relation between P(A) and P(not A); Problems related to Playing Cards  |
| Mathematics Daily Test 55 for_Class-10 | Maths: Probability  |
| Science Daily Test 01 for_Class-10     | "Phy: LIGHT: REFLECTION AND REFRACTION:- Properties of Light; Propagation of Light; Reflection of Light; Laws of Reflection, Reflection at Plane Surfaces; Numericals<br>Chem: CHEMICAL REACTIONS AND EQUATIONS:- Chemical Reactions; Types of changes; Physical change; Chemical change; Chemical Equation; Essentials of chemical equation; Steps for writing a chemical equation<br>Bio: LIFE PROCESSES:- What are Life Processes?, Nutrition, Mode of Nutrition, Autotrophic Nutrition" |



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| Science Daily Test 02 for _Class-10 | "Phy: LIGHT: REFLECTION AND REFRACTION:- Spherical Mirrors; Reflection at Spherical Mirrors(Laws of Image Formation); Image Formation by a Concave Mirror; Image Formation by a Convex Mirror<br>Chemistry: Balancing of chemical equation; Information conveyed by a chemical equation ; Some Examples of Balancing a Chemical Equation ; Types of a Chemical Equation; Combination reaction<br>Bio: LIFE PROCESSES:- Photosynthesis, Heterotrophic Nutrition, How do Organisms Obtain their Nutrition"     |
| Science Daily Test 03 for _Class-10 | "Phy: LIGHT: REFLECTION AND REFRACTION:- Sign Convention for Reflection by Spherical Mirrors; Mirror Formula ; Mirror Formula Derivation<br>Chem: CHEMICAL REACTIONS AND EQUATIONS:- Decomposition reaction; Thermal decomposition reaction; Photochemical decomposition; Electrolytic decomposition reaction; Displacement reaction<br>Bio: LIFE PROCESSES:- Human Alimentary Canal, Functions of Digestive System, Digestive Glands & the Functions of Digestive Enzymes, Salivary Glands, Gastric Glands" |
| Science Daily Test 04 for _Class-10 | "Phy: LIGHT: REFLECTION AND REFRACTION:- Magnification; Magnification; Nature and Position of Images; Important Points about Spherical Mirrors; Uses of Spherical Mirrors; Numericals<br>Chem: CHEMICAL REACTIONS AND EQUATIONS:- Double displacement reaction; Polymerization reaction; Exothermic and Endothermic reaction; Precipitation reaction<br>Bio: LIFE PROCESSES:- Liver, Pancreas, Intestinal Glands, Absorption, Assimilation, Egestion"  |
| Science Daily Test 05 for _Class-10 | "Phy: LIGHT: REFLECTION AND REFRACTION:- Refraction of Light; Laws of Refraction; Absolute Refractive Index; Refractive Index of One Medium w.r.t. other (Relative Refractive Index); Numericals<br>Chem: CHEMICAL REACTIONS AND EQUATIONS:- Neutralization reaction; Spontaneous and non-spontaneous processes; Oxidation and Reduction reactions; Oxidizing agent; Reducing agent<br>Bio: LIFE PROCESSES:- Respiration, Aerobic Respiration, Anaerobic Respiration, Respiration in Animals"                |
| Science Daily Test 06 for _Class-10 | "Phy: LIGHT: REFLECTION AND REFRACTION:- Condition for no Refraction; Apparent Depth of a Tank; Refraction Through a Rectangular Glass Slab; Numericals, Total Internal Reflection; Critical Angle; Conditions for Total Internal Reflection<br>Chem: CHEMICAL REACTIONS AND EQUATIONS:- Redox reaction ; Oxidation number; Calculation of oxidation numbers of various elements<br>Bio: LIFE PROCESSES:- Human Respiratory System, Mechanism of Breathing"  |

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| Science Daily Test 07 for _Class-10 | "Phy: LIGHT: REFLECTION AND REFRACTION:- Spherical Lenses; Refraction by Spherical Lenses; Laws of Image Formation by Spherical Lenses; Sign Convention; Lens Formula; Magnification Produced by a Lens<br>Chem: CHEMICAL REACTIONS AND EQUATIONS:- Effect of Oxidation in Everyday Life; Corrosion; Rancidity<br>Bio: LIFE PROCESSES:- Respiration in Plants, Transportation in Plants"  |
| Science Daily Test 08 for _Class-10 | "Phy: LIGHT: REFLECTION AND REFRACTION:- Power of a Lens; Power and Focal Length of the Combination of Lenses; Numericals; Application in Daily Life<br>Chem: ACIDS, BASES AND SALTS:- Acids; Arrhenius concept of acids and bases ; Classification of Acids; Depending on strength; Depending on the sources; Depending on concentration; Depending on molecular composition; Depending on basicity<br>Bio: LIFE PROCESSES:- Transportation in Human Beings, Blood"  |
| Science Daily Test 09 for _Class-10 | "Phy: HUMAN EYE AND COLOURFUL WORLD:- The Human Eye; Parts of Human Eye; Working of Ciliary Muscles; Power of Accommodation; Working of the Eye; Defects of Vision; Myopia(Short Sightedness or Near Sightedness); Hypermetropia or Hyperopia (Long Sightedness or Farsightedness); Presbyopia; Astigmatism; Cataract<br>Chem: ACIDS, BASES AND SALTS:- Preparation of Acids; By direct combination; By double displacement; By the reaction of acidic oxide with water; By oxidation of non-metals; Properties of Acids; Physical properties of Acids<br>Bio: LIFE PROCESSES:- Human Circulatory System, Human Heart, Lymphatic System"  |
| Science Daily Test 10 for _Class-10 | "Phy: HUMAN EYE AND COLOURFUL WORLD:- Persistence of Vision; Refraction of Light Through a Prism; Dispersion of White Light by Glass Prism; Rainbow; Atmospheric Refraction; Twinkling of Stars; Oval Shape of the Sun in the Morning; Duration of Sun's Visibility; Scattering of Light; Tyndall Effect; Blue Colour of Sky; Reddish Colour of Sun at the Time of Sunrise and Sunset<br>Chem: ACIDS, BASES AND SALTS:- Chemical properties of acids; Uses of Acids; All the compounds containing hydrogen are not acids; Acids do not show acidic behaviour in the absence of water<br>Bio: LIFE PROCESSES:- Excretion in Human Beings, Human Excretory System, Nephron , Mechanism of Excretion, Excretion in Plants" |
| Science Daily Test 11 for _Class-10 | "Phy: HUMAN EYE AND COLOURFUL WORLD:- Additional Information; Colour Detection; Critical Angle; Total Internal Reflection; Essential Conditions for T I R<br>Chem: ACIDS, BASES AND SALTS:- Bases<br>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Control and Coordination in Animals, Nervous System"   |

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| Science Daily Test 12 for_Class-10 | "Phy: HUMAN EYE AND COLOURFUL WORLD:- Application of Total Internal Reflection (T I R); The Brilliance of Diamond; Mirage; Totally Reflecting Glass Prisms; Optical Fibres and their Uses; Shining of Air Bubbles<br>Chem: ACIDS, BASES AND SALTS:- Classification of Bases; Depending on strength; Depending on concentration; Depending on acidity; Preparation of Bases; Properties of Bases; Physical properties of Bases; Chemical properties of Bases; Uses of Bases; Reactivity of Acids and Bases; Uses of Neutralization<br>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Neuron, Generation and Conduction of Nerve Impulse, Synapse, Neuromuscular Junction" |
| Science Daily Test 13 for_Class-10 | "Phy: Revision Test (Light: Reflection and Refraction)<br>Chem: ACIDS, BASES AND SALTS:- Indicator; Strength of Acids and Bases; pH ; Uses of pH value; Numericals<br>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Receptors, Reflex Action, Mechanism of Reflex Action, Why Reflex Arcs have evolved in Animals?"   |
| Science Daily Test 14 for_Class-10 | "Phy: Revision Test (HUMAN EYE AND COLOURFUL WORLD)<br>Chem: ACIDS, BASES AND SALTS:- Salts; Nomenclature of salts; Family of salts; Classification of salts; Preparation of salts: Preparation of soluble salts; Preparation of insoluble salts; Properties of salts<br>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Human Nervous System, Central Nervous System , Peripheral Nervous System"  |
| Science Daily Test 15 for_Class-10 | "Phy: ELECTRIC CURRENT AND ITS EFFECTS:- Introduction, Electric Charge, Properties of Electric Charge, Quantization of Charge, Conservation of Charge, Invariance of charge, Coulomb's Law & numericals, Conductors and Insulators, Electric Current<br>Chem: ACIDS, BASES AND SALTS:- Some Important Salts; Sodium chloride; Bleaching powder, Washing soda; Water of crystallization ; Baking soda; Plaster of Paris; Lime<br>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Endocrine System, Hormones in Animals, General Properties of Hormones, Hypothalamus, Pituitary Gland"   |
| Science Daily Test 16 for_Class-10 | "Phy: ELECTRIC CURRENT AND ITS EFFECTS:- Electric Potential and potential Difference, Flow of Charge, Common Measuring Instruments, Ohm's Law, Resistance and Resistivity<br>Chem: METALS AND NON-METALS:- Metals; Occurrence of metals; Physical properties of metals; Activity series of metals, Characteristics regarding activity series of metals<br>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Thyroid Gland, Parathyroid Glands, Adrenal Glands, Pancreas and Gonads, Pineal Gland, Homeostasis"  |

| DPT NAME                           | SYLLABUS  |
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| Science Daily Test 17 for_Class-10 | <p>"Phy: ELECTRIC CURRENT AND ITS EFFECTS:- Factors Affecting Resistance, Numericals, Electrical Circuits, Active Elements, Passive Elements, Circuit Symbols</p> <p>Chem: METALS AND NON-METALS:- Chemical properties of metals; Reaction of metals with oxygen; Reaction of metals with water; Reaction of metals with dilute acids ,Reaction of metals with salt solution; Reaction of metals with chlorine; Reaction of metals with hydrogen; Uses of metals</p> <p>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Coordination in Plants, Nastic Movements, Tropic Movements"</p>   |
| Science Daily Test 18 for_Class-10 | <p>"Phy: ELECTRIC CURRENT AND ITS EFFECTS:- Combination of Resistances, Series Combination, Equivalent Resistance in Series Combination, Numericals</p> <p>Chem: METALS AND NON-METALS:- Non-Metals; Occurrence of non-metals; Physical properties of non-metals; Chemical properties of non-metals; Reaction of non-metals with oxygen; Reaction of non-metals with water; Reaction of non-metals with dilute acids; Reaction of non-metals with salt solutions; Reaction of non-metals with chlorine; Reaction of non-metals with hydrogen; Uses of non-metals</p> <p>Bio: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Plant Hormones, Auxin, Gibberellin, Cytokinin, Abscisic Acid, Ethylene"</p> |
| Science Daily Test 19 for_Class-10 | <p>"Phy: ELECTRIC CURRENT AND ITS EFFECTS:- Parallel Combination, Equivalent Resistance in Parallel Combination, Numericals, Advanced Numericals based on Combinations of Resistances Advanced Numericals based on Combinations of Resistances</p> <p>Chem: METALS AND NON-METALS:- Comparative study of Metals and Non-metals</p> <p>Bio: HOW DO ORGANISMS REPRODUCE: Introduction, Life span, Do organisms create exact copies of themselves?, Modes of reproduction, Asexual Reproduction, Fission- Binary fission and Multiple fission"</p>   |
| Science Daily Test 20 for_Class-10 | <p>"Phy: ELECTRIC CURRENT AND ITS EFFECTS:- Heating Effect of Current, Electric Power, Numericals</p> <p>Chem: METALS AND NON-METALS:- Interaction in Metals and Non-Metals; Chemical bond; Causes of chemical bond formation; Types of chemical bonds; Ionic Bond; Examples of ionic bond; Nature and structure of ionic compounds; Characteristics of ionic compounds; Covalent Bond; Examples of covalent bond ; Types of covalent bonds; Characteristics of covalent compounds ; Octet rule</p> <p>Bio: HOW DO ORGANISMS REPRODUCE?: -Fragmentation, Regeneration, Budding, Spore formation, Vegetative propagation, Advantages of vegetative propagation"</p>  |

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| Science Daily Test 21 for _Class-10 | "Phy: ELECTRIC CURRENT AND ITS EFFECTS:-Grouping of Cells, Wheat Stone Bridge (Balanced condition only)<br>Chem: METALS AND NON-METALS:- Comparative Study of Properties of Ionic and covalent compounds; Metals in Nature; Metallurgy; Mining of ore ; Sizing of ore; Concentration of ore<br>Bio: HOW DO ORGANISMS REPRODUCE?: -Micropropagation and its advantages, Sexual Reproduction, Sexual reproduction in flowering plants"  |
| Science Daily Test 22 for _Class-10 | "Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Introduction, Magnetic Field and Its Unit, Magnetic Field Lines, Properties of Magnetic Field Lines, Magnetic Effect of Current, Magnetic Field due to Long Straight Current Carrying Wire<br>Chem: METALS AND NON-METALS:- Oxidation of ore; Calcination; Roasting; Reduction of oxide ore into metal ; Smelting; Thermite process,Self reduction; Electrolytic reduction ; Amalgamation process ; Purification of metal; Alloys; Corrosion<br>Bio: HOW DO ORGANISMS REPRODUCE?: -Pollination, Fertilization in plants, Reproduction in human beings, Puberty"                            |
| Science Daily Test 23 for _Class-10 | "Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Right Hand Thumb Rule, Magnetic Field due to a Circular Coil Carrying Current, Magnetic Field due to a Current in a Long Solenoid<br>Chem: Revision test ( Chemical reactions and equations. Acids bases and salts, Metals and non metals)<br>Bio: HOW DO ORGANISMS REPRODUCE?: -Male Reproductive system"   |
| Science Daily Test 24 for _Class-10 | "Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Advanced Numericals based on Long Straight Current carrying wire and circular Coil, Electromagnet, Force on a Moving Charge in a Magnetic Field<br>Chem: Revision test ( Chemical reactions and equations. Acids bases and salts)<br>Bio: HOW DO ORGANISMS REPRODUCE? :- Female Reproductive system"   |
| Science Daily Test 25 for _Class-10 | "Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Force on a Current Carrying Conductor Placed in a magnetic Field, Fleming's Left Hand Rule, Numericals<br>Chem: CARBON AND COMPOUNDS:- § Introduction; Carbon in daily life; Allotropes of Carbon; Diamond; Structure of diamond; Physical properties; Uses; Graphite; Structure of graphite; Physical properties; Uses of graphite; Fullerenes; Structure of Fullerenes; Physical properties; Uses of fullerenes<br>Bio: HOW DO ORGANISMS REPRODUCE?: -Fertilization in human beings, What happens when egg is not fertilized?, Reproductive health, Sexually Transmitted Diseases (STD)" |

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| Science Daily Test 26 for_Class-10 | <p>"Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Electric Motor, Principle of Electric Motor, Working of Electric Motor</p> <p>Chem: CARBON AND COMPOUNDS:- § Bonding in Carbon; Bonding of carbon with itself; Bonding of carbon with other atom; Carbon forms single bond with hydrogen; Carbon can form double bond with oxygen; Carbon can form triple bond with nitrogen; Organic Chemistry(Introduction); Reasons for Large Number of Organic Compounds; Catenation; Tendency to form multiple bonds; Isomerism; Examples of isomers of pentane; Definition of chain isomerism</p> <p>Bio: Control and coordination in animals and plants, Nervous system &amp; neurons, Synapse , reflex actions, necessity of reflex actions, why reflex arcs have evolved in animals."</p>   |
| Science Daily Test 27 for_Class-10 | <p>"Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Advanced problems based on force experienced by a charge moving in magnetic field, Electromagnetic Induction, Fleming's Right Hand Rule.</p> <p>Chem: CARBON AND COMPOUNDS:- o Hydrocarbons; Introduction; Acyclic or open chain compounds; Saturated hydrocarbon (Alkanes); Unsaturated hydrocarbons(alkenes and alkynes); Cyclic or closed chain or ring compounds; Functional Groups; The Homologous Series; Examples; Characteristics</p> <p>Bio: HEREDITY AND EVOLUTION:- Introduction; Variations; Types of variations; Somatic variations; Germinal variations; Sources of genetic variations; Accumulation of variations during reproduction; Heredity; Inherited traits; Basis of heredity ; Genetics terminology"</p>  |
| Science Daily Test 28 for_Class-10 | <p>"Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Household Electric Circuit, Domestic Wire, Electric Problems, Overload, Short circuit, Precaution in the use of Electricity</p> <p>Chem: CARBON AND COMPOUNDS:- § IUPAC - Nomenclature of Organic Compounds; Trivial/common system; IUPAC system; IUPAC Nomenclature; Nomenclature of branched chain hydrocarbons; Rules for nomenclature of hydrocarbons; Longest chain rule; Lowest set or lowest sum rule; Examples of naming hydrocarbons., Nomenclature of Organic Compounds having Functional Group; Carboxylic acids; Esters; Aldehydes; Ketones; Alcohols; Miscellaneous examples, Bond Line Notations of Organic Compounds; Types of Chemical Reactions in Organic Compounds; Combustion; Oxidation; Addition reaction; Elimination reaction</p> <p>Bio: HEREDITY AND EVOLUTION:- Father of genetics; Why Mendel selected pea plant for his experiments?; Monohybrid cross; Punnett square; Mendel's first three postulates; Unit factors in pairs"</p> |

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| Science Daily Test 29 for _Class-10 | "Phy: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Magnetism & Matter, Basics of Earth's Magnetism ,Magnetic Elements, Diamagnetic, Paramagnetic & Ferromagnetic Substances<br>Chem: CARBON AND COMPOUNDS:- Substitution reaction; Polymerization reaction; Some Important Organic Compounds; Ethyl Alcohol or Ethanol; Preparation of ethyl alcohol; Physical properties<br>Bio: HEREDITY AND EVOLUTION:- Law of Dominance; Law of Segregation; Dihybrid cross; Law of Independent Assortment; How do these traits get expressed?"   |
| Science Daily Test 30 for _Class-10 | "Phy: SOURCES OF ENERGY:- Introduction, Sources of Energy, Characteristics of a Good Source of Energy, Renewable Sources of Energy, Solar Energy, Composition of the Sun's Energy, Solar Energy Devices, Solar Cooker, Solar Concentrator, Solar Water Heater, Solar Cell and its Uses, Wind Energy, Hydro Energy<br>Chem: CARBON AND COMPOUNDS:- Chemical properties; Combustion; Reaction with sodium; Oxidation; Dehydration reaction; Esterification; Some commercial forms of ethanol; Uses of Alcohol<br>Bio: HEREDITY AND EVOLUTION:- o Sex determination; Chromosomes in human beings; Sex chromosomes; Autosomes, Origin of life on earth; Theory of chemical evolution"                               |
| Science Daily Test 31 for _Class-10 | "Phy: SOURCES OF ENERGY:- SOURCES OF ENERGY:- Bio-fuel, Biomass as Fuel, Charcoal, Animal Dung, Bio-gas, Fixed Dome Type Bio-gas Plant, Floating Gas Holder Type Bio-gas Plant, Advantages of Bio-gas Plant, Important Uses of Bio-gas<br>Chem: CARBON AND COMPOUNDS:- Ethanoic Acid; Preparation; Properties of Ethanoic Acid; Physical properties; Chemical properties; Acidic nature; Reaction of bases; Reaction with carbonates and bicarbonates<br>Bio: HEREDITY AND EVOLUTION:- Evolution; Inherited traits; Acquired traits ; Speciation, Evolution and classification; Tracing evolutionary relationships; Comparative morphological evidences; Homologous organs; Analogous organs; Vestigial organs" |

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| Science Daily Test 32 for_Class-10 | <p>"Phy: SOURCES OF ENERGY:- Alcohol as fuel, Hydrogen, Energy From Oceans, Tidal Energy, Ocean Wave Energy, Ocean Thermal Energy, Geothermal Energy, Environmental Consequences<br/>Chem: CARBON AND COMPOUNDS:- Esterification; Reduction; Uses of Ethanoic acid; Soap and Detergents; Soap; Saponification; Structure of Soap; Detergent; Structure of Detergent, Cleansing Action of Soap and Detergents; Advantages of Detergents over Soaps for Washing Purposes; Disadvantages of Detergents over Soap (Detergent Pollution)<br/>Bio: HEREDITY AND EVOLUTION:- Embryological evidences; Molecular phylogeny; Fossils; Fossilization, How do fossils form layer by layer?; Determination of the age of fossil; Evolution by stages; Evolution should not be equated with progress; Human evolution"</p> |
| Science Daily Test 33 for_Class-10 | <p>"Phy: NON RENEWABLE SOURCES OF ENERGY<br/>Chem: PERIODIC CLASSIFICATION OF ELEMENTS :- Introduction; Historical Development of Periodic Classification; John Dalton's work; Dobereiner's Triads; Limitations; Newland's Law of Octaves; Limitations, Mendeleev's Periodic Table; Characteristics of Mendeleev's periodic table; Importance of Mendeleev's periodic Table; Systematic study of elements; Correction of doubtful atomic masses; Prediction of new elements; Position of noble gases; Limitations of Mendeleev's periodic Table<br/>Bio: OUR ENVIRONMENT:- Life processes( complete chapter)"</p>   |
| Science Daily Test 34 for_Class-10 | <p>"Phy: Revision Test ( sources of energy complete)<br/>Chem: PERIODIC CLASSIFICATION OF ELEMENTS:- Modern Periodic Table; Modern periodic Law; Cause of periodicity; Characteristics of periodic table; Groups; Periods, Merits of Modern Periodic Table; Periodic/Atomic Properties; Factors that influence periodic properties; Nuclear charge; Screening or shielding effect<br/>Bio: Sustainable Management of Natural Resources (complete chapter)"</p>  |
| Science Daily Test 35 for_Class-10 | <p>"Phy : Revision Test Light: Reflection and refraction<br/>Chem: PERIODIC CLASSIFICATION OF ELEMENTS:- Periodic Properties and their Trends in Periodic Table; Atomic Radius; Across a Period; Down the group; Ionic radius; Cationic radius; Anionic radius; Metallic and Non-metallic character; Variation in a period; Variation in a group<br/>Bio : Heredity and evolution"</p>  |
| Science Daily Test 36 for_Class-10 | <p>"Phy: Revision Test( Electricity, Magnetic effects of electric current)<br/>Chem: PERIODIC CLASSIFICATION OF ELEMENTS:- Semi-metals or metalloids; Nature of oxides; Chemical Reactivity; Variation in a period; Variation in a group; Valency; Variation across a period; Variation down the group, Concept of Ionization Energy and Electron Affinities; Electro-negativity; Diagonal Relationship<br/>Bio: Reproduction(complete chapter)"</p>  |