

## Ranker's Package

# Detailed Test Planner JEE-XI

*Daily Practice Test Planner*

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*AIATS Planner*

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*Comprehensive Test Planner*

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*All-in-one Planner*

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**AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS XI (JEE)**

Test Date	Test Name	Test Syllabus
10-May-2021	MAT Daily Test 01	Number Series: Verbal
11-May-2021	Mathematics Daily Test 01	Real Numbers :- Introduction of Real Numbers; Euclid's division Lemma
12-May-2021	Science Daily Test 01	"Physics: LIGHT: REFLECTION AND REFRACTION:- Properties of Light; Propagation of Light; Reflection of Light; Laws of Reflection, Reflection at Plane Surfaces; Numericals Chemistry: 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 Biology: LIFE PROCESSES:- What are Life Processes?, Nutrition, Mode of Nutrition, Autotrophic Nutrition"
13-May-2021	English + SST Daily Test 01	"English: Reading Comprehension:- Reading Passages; Introduction to methods of reading; Types of Passages; Types of Questions; Reading Poetry; Poetic devices 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"
15-May-2021	MAT Daily Test 02	(a) Alphabetical Series, (b) Alphanumeric Series
17-May-2021	Mathematics Daily Test 02	REAL NUMBERS :- Euclid's division algorithm, Problems discussion related to Euclid's division algorithm
18-May-2021	Science Daily Test 02	"Physics: 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 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 Biology: LIFE PROCESSES:- Photosynthesis, Heterotrophic Nutrition, How do Organisms Obtain their Nutrition"

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19-May-2021	English + SST Daily Test 02	"English: Determiners 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"
20-May-2021	MAT Daily Test 03	MAT: Number Series, Alphabetical Series & Alpha Numeric Series
21-May-2021	Mathematics Daily Test 03	REAL NUMBERS:- Fundamental theorem of arithmetic; Theorem related to fundamental theorem on arithmetic; Problems discussion
22-May-2021	Science Daily Test 03	"Physics: LIGHT: REFLECTION AND REFRACTION:- Sign Convention for Reflection by Spherical Mirrors; Mirror Formula ; Mirror Formula Derivation Chemistry: ChemistryICAL REACTIONS ANDEQUATIONS:- Decomposition reaction; Thermal decomposition reaction; PhotoChemistryical decomposition; Electrolytic decomposition reaction; Displacement reaction Biology: LIFE PROCESSES:- Human Alimentary Canal, Functions of Digestive System, Digestive Glands & the Functions of Digestive Enzymes, Salivary Glands, Gastric Glands"
24-May-2021	English + SST Daily Test 03	"English: Finites and Non-Finites SST: Political Science, Ch1: Power Sharing :- Belgium And Sri Lanka , Majoritarianism In Sri Lanka, Accommodation In Belgium, Forms Of Power Sharing"
25-May-2021	MAT Daily Test 04	Analogy
26-May-2021	Mathematics Daily Test 04	REAL NUMBERS:- Rational Numbers; Irrational numbers; Theorems related to rational numbers; Theorems related to irrational numbers
27-May-2021	Science Daily Test 04	"Physics: LIGHT: REFLECTION AND REFRACTION:- Magnification; Magnification; Nature and Position of Images; Important Points about Spherical Mirrors; Uses of Spherical Mirrors; Numericals Chemistry: ChemistryICAL REACTIONS AND EQUATIONS:- Double displacement reaction; Polymerization reaction; Exothermic and Endothermic reaction; Precipitation reaction Biology: LIFE PROCESSES:- Liver, Pancreas, Intestinal Glands, Absorption, Assimilation, Egestion"

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28-May-2021	English + SST Daily Test 04	English: Verb Agreement:- Rules of subject – Verb agreement; Errors of Subject – Verb Agreement; Spotting the error; Sentence Improvement 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"
31-May-2021	MAT Daily Test 05	Classification
01-Jun-2021	Mathematics Daily Test 05	Revision Test
02-Jun-2021	Science Daily Test 05	"Physics: 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 Chemistry: ChemistryICAL REACTIONS AND EQUATIONS:- Neutralization reaction; Spontaneous and non-spontaneous processes; Oxidation and Reduction reactions; Oxidizing agent; Reducing agent Biology: LIFE PROCESSES:- Respiration, Aerobic Respiration, Anaerobic Respiration, Respiration in Animals"
03-Jun-2021	English + SST Daily Test 05	"English: Modals SST: GeograPhysics, 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"
04-Jun-2021	MAT Daily Test 06	MAT: Number Series, Alphabetical Series & Alpha Numeric Series, Analogy
05-Jun-2021	Mathematics Daily Test 06	Revision Test
07-Jun-2021	Science Daily Test 06	"Physics: 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 Chemistry: ChemistryICAL REACTIONS AND EQUATIONS:- Redox reaction ; Oxidation number; Calculation of oxidation numbers of various elements Biology: LIFE PROCESSES:- Human Respiratory System, Mechanism of Breathing"

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Test Date	Test Name	Test Syllabus
08-Jun-2021	English + SST Daily Test 06	"English: Tenses SST: Political Science, Ch2: Federalism:- What Is Federalism?, What Makes India A Federal Country?, How Is Federalism Practiced?, Decentralisation In India"
09-Jun-2021	MAT Daily Test 07	Direction Sense Test
10-Jun-2021	Mathematics Daily Test 07	POLYNOMIALS:- Introduction; Types of polynomials; Degree of the polynomial; Zeroes of the polynomial; Geometrical meaning of zeroes of a polynomial
11-Jun-2021	Science Daily Test 07	"Physics: 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 Chemistry: CHEMICAL REACTIONS AND EQUATIONS:- Effect of Oxidation in Everyday Life; Corrosion; Rancidity Biology: LIFE PROCESSES:- Respiration in Plants, Transportation in Plants"
12-Jun-2021	English + SST Daily Test 07	"English: Conditionals SST: Geographical Science, 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"
14-Jun-2021	MAT Daily Test 08	MAT: Number Series, Alphabetical Series & Alpha Numeric Series, Classification, Direction Sense Test
15-Jun-2021	Mathematics Daily Test 08	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
16-Jun-2021	Science Daily Test 08	"Physics: LIGHT: REFLECTION AND REFRACTION:- Power of a Lens; Power and Focal Length of the Combination of Lenses; Numericals; Application in Daily Life Chemistry: 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 Biology: LIFE PROCESSES:- Transportation in Human Beings, Blood"

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Test Date	Test Name	Test Syllabus
17-Jun-2021	English + SST Daily Test 08	"English: Voice change SST: Political Science, Ch3: Democracy and Diversity:- A Story From Mexico Olympics, Differences, Similarities, Divisions, Politics Of Social Divisions"
18-Jun-2021	MAT Daily Test 09	Coding Decoding
19-Jun-2021	Mathematics Daily Test 09	POLYNOMIALS :- Division algorithm for polynomials with real coefficients
21-Jun-2021	Science Daily Test 09	"Physics: 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 Chemistry: 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; Physicssical properties of Acids Biology: LIFE PROCESSES:- Human Circulatory System, Human Heart, Lymphatic System"
22-Jun-2021	English + SST Daily Test 09	English: Reported speech SST: GeograPhysics, 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
23-Jun-2021	MAT Daily Test 10	Blood Relation
24-Jun-2021	Mathematics Daily Test 10	Maths: Polynomials

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25-Jun-2021	Science Daily Test 10	<p>"Physics: 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</p> <p>Chemistry: ACIDS, BASES AND SALTS:- Chemistyrical 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</p> <p>Biology: LIFE PROCESSES:- Excretion in Human Beings, Human Excretory System, Nephron , Mechanism of Excretion, Excretion in Plants"</p>
28-Jun-2021	English + SST Daily Test 10	<p>English: Prepositions</p> <p>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</p>
29-Jun-2021	MAT Daily Test 11	MAT: Alphabetical Series & Alpha Numeric Series, Analogy, Classification, Direction Sense Test, Blood Relation
30-Jun-2021	Mathematics Daily Test 11	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
01-Jul-2021	Science Daily Test 11	<p>"Physics: HUMAN EYE AND COLOURFUL WORLD:- Additional Information; Colour Detection; Critical Angle; Total Internal Reflection; Essential Conditions for T I R</p> <p>Chemistry: ACIDS, BASES AND SALTS:- Bases</p> <p>Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Control and Coordination in Animals, Nervous System"</p>

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02-Jul-2021	English + SST Daily Test 11	English: Connectors SST: Political Science, Ch4: Gender Religion and Caste:- Gender And Politics, Religion, Communalism And Politics, Caste And Politics
03-Jul-2021	MAT Daily Test 12	Venn Diagram
05-Jul-2021	Mathematics Daily Test 12	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES :- Solution of simultaneous equations by algebraic method; Substitution method; Elimination method
06-Jul-2021	Science Daily Test 12	"Physics: 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 Chemistry: ACIDS, BASES AND SALTS:- Classification of Bases; Depending on strEnglishth; Depending on concentration; Depending on acidity; Preparation of Bases; Properties of Bases; Physicssical properties of Bases; Chemistrycal properties of Bases; Uses of Bases; Reactivity of Acids and Bases; Uses of Neutralization Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Neuron, Generation and Conduction of Nerve Impulse, Synapse, Neuromuscular Junction"
07-Jul-2021	English + SST Daily Test 12	English: Relatives 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"
08-Jul-2021	MAT Daily Test 13	MAT: Venn Diagram, Coding and Decoding
09-Jul-2021	Mathematics Daily Test 13	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



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10-Jul-2021	Science Daily Test 13	"Physics: Revision Test (Light: Reflection and Refraction) Chemistry: ACIDS, BASES AND SALTS:- Indicator; Strength of Acids and Bases; pH ; Uses of pH value; Numericals Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Receptors, Reflex Action, Mechanism of Reflex Action, Why Reflex Arcs have evolved in Animals?"
12-Jul-2021	English + SST Daily Test 13	English: Comparison and Nominalisation 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
13-Jul-2021	MAT Daily Test 14	MAT: Alphabetical Series & Alpha Numeric Series, Analogy, Direction Sense Test
14-Jul-2021	Mathematics Daily Test 14	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES :- Applications of practical problems
16-Jul-2021	Science Daily Test 14	"Physics: Revision Test (HUMAN EYE AND COLOURFUL WORLD) Chemistry: 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 Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Human Nervous System, Central Nervous System , Peripheral Nervous System"
19-Jul-2021	English + SST Daily Test 14	English: Comparison & Nominalisation 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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Test Date	Test Name	Test Syllabus
20-Jul-2021	MAT Daily Test 15	MAT: Venn Diagram, Coding and Decoding, Direction Sense Test, Blood Relation
22-Jul-2021	Mathematics Daily Test 15	Revision Test (Pair of Linear Equations in two variables)
23-Jul-2021	Science Daily Test 15	"Physics: 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 Chemistry: ACIDS, BASES AND SALTS:- Some Important Salts; Sodium chloride; Bleaching powder, Washing soda; Water of crystallization ; Baking soda; Plaster of Paris; Lime Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Endocrine System, Hormones in Animals, General Properties of Hormones, Hypothalamus, Pituitary Gland"
26-Jul-2021	English + SST Daily Test 15	English: Sentence Rearrangement SST: Political Science, Ch5: Popular Struggles and Movements:- Popular Struggles In Nepal And Bolivia, Mobilisation And Organizations, Pressure Groups And Movements
27-Jul-2021	MAT Daily Test 16	Syllogism, Venn diagram
28-Jul-2021	Mathematics Daily Test 16	Revision Test (Pair of Linear Equations in two variables)
29-Jul-2021	Science Daily Test 16	"Physics: ELECTRIC CURRENT AND ITS EFFECTS:- Electric Potential and potential Difference, Flow of Charge, Common Measuring Instruments, Ohm's Law, Resistance and Resistivity Chemistry: METALS AND NON-METALS:- Metals; Occurrence of metals; Physicssical properties of metals; Activity series of metals, Characteristics regarding activity series of metals Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Thyroid Gland, Parathyroid Glands, Adrenal Glands, Pancreas and Gonads, Pineal Gland, Homeostasis"
30-Jul-2021	English + SST Daily Test 16	English: Gap-Filling 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

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Test Date	Test Name	Test Syllabus
31-Jul-2021	MAT Daily Test 17	Venn Diagram, Mathematical Operations
02-Aug-2021	Mathematics Daily Test 17	QUADRATIC EQUATIONS :- Introduction; Quadratic equations and its roots; Methods for solving quadratic equation; Factorization
03-Aug-2021	Science Daily Test 17	"Physics: ELECTRIC CURRENT AND ITS EFFECTS:- Factors Affecting Resistance, Numericals, Electrical Circuits, Active Elements, Passive Elements, Circuit Symbols  Chemistry: METALS AND NON-METALS:- Chemistyrical 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  Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Coordination in Plants, Nastic Movements, Tropic Movements"
05-Aug-2021	English + SST Daily Test 17	English: Editing & Omission :- Most common errors, Types of questions  SST: GeograPhysics, 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
06-Aug-2021	MAT Daily Test 18	MAT: Classification, Venn Diagram, Analogy, Direction Sense Test, Blood Relation
07-Aug-2021	Mathematics Daily Test 18	QUADRATIC EQUATIONS :- Completing the square; Nature of roots; Framing a quadratic equation
09-Aug-2021	Science Daily Test 18	"Physics: ELECTRIC CURRENT AND ITS EFFECTS:- Combination of Resistances, Series Combination, Equivalent Resistance in Series Combination, Numericals  Chemistry: METALS AND NON-METALS:- Non-Metals; Occurrence of non-metals; Physicssical properties of non-metals; Chemistyrical 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  Biology: CONTROL AND COORDINATION IN ANIMALS AND PLANTS:- Plant Hormones, Auxin, Gibberellin, Cytokinin, Abscisic Acid, Ethylene"

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Test Date	Test Name	Test Syllabus
10-Aug-2021	English + SST Daily Test 18	English: Editing-Omission 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?
11-Aug-2021	MAT Daily Test 19	MAT: Number Series, Alphabetical Series & Alpha Numeric Series, Direction Sense Test, Coding and Decoding, Blood Relations, Venn Diagram
12-Aug-2021	Mathematics Daily Test 19	QUADRATIC EQUATIONS :- Procedure to solve word problems
13-Aug-2021	Science Daily Test 19	"Physics: 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 Chemistry: METALS AND NON-METALS:- Comparative study of Metals and Non-metals Biology: 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"
14-Aug-2021	English + SST Daily Test 19	English: Vocabulary: Synonyms, Antonyms & One word substitution 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
17-Aug-2021	MAT Daily Test 20	Calendar & Clock
18-Aug-2021	Mathematics Daily Test 20	Revision Test (Quadratic Equations)

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Test Date	Test Name	Test Syllabus
19-Aug-2021	Science Daily Test 20	"Physics: ELECTRIC CURRENT AND ITS EFFECTS:- Heating Effect of Current, Electric Power, Numericals Chemistry: METALS AND NON-METALS:- Interaction in Metals and Non-Metals; Chemistrcal bond; Causes of Chemistrcal bond formation; Types of Chemistrcal 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 Biology: HOW DO ORGANISMS REPRODUCE?: -Fragmentation, Regeneration, Budding, Spore formation, Vegetative propagation, Advantages of vegetative propagation"
20-Aug-2021	English + SST Daily Test 20	"English: Revision Test SST: GeograPhysics, 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"
21-Aug-2021	MAT Daily Test 21	MAT: Raking Test, Calender & Clock, Analytical Reasoning, Diagramatic Puzzles
23-Aug-2021	Mathematics Daily Test 21	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
24-Aug-2021	Science Daily Test 21	"Physics: ELECTRIC CURRENT AND ITS EFFECTS:-Grouping of Cells, Wheat Stone Bridge (Balanced condition only) Chemistry: 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 Biology: HOW DO ORGANISMS REPRODUCE?: -Micropropagation and its advantages, Sexual Reproduction, Sexual reproduction in flowering plants"
25-Aug-2021	English + SST Daily Test 21	English: Revision Test 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

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Test Date	Test Name	Test Syllabus
26-Aug-2021	MAT Daily Test 22	MAT: Coding and Decoding, Alphabetical Series & Alpha Numeric Series, Analogy, Direction Sense Test
27-Aug-2021	Mathematics Daily Test 22	ARITHMETIC PROGRESSIONS:- Sum of n terms of an arithmetic progression; Applications of arithmetic progressions
30-Aug-2021	Science Daily Test 22	"Physics: 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 Chemistry: 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 Biology: HOW DO ORGANISMS REPRODUCE?: -Pollination, Fertilization in plants, Reproduction in human beings, Puberty"
31-Aug-2021	English + SST Daily Test 22	English: Revision Test 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
01-Sep-2021	MAT Daily Test 23	Non-Verbal (Classification, Series, Analogy)
02-Sep-2021	Mathematics Daily Test 23	Revision Test (Arithmetic Progressions)
03-Sep-2021	Science Daily Test 23	"Physics: 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 Chemistry: Revision test ( Chemical reactions and equations. Acids bases and salts, Metals and non metals) Biology: HOW DO ORGANISMS REPRODUCE?: -Male Reproductive system"

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06-Sep-2021	English + SST Daily Test 23	English: Revision Test 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
07-Sep-2021	MAT Daily Test 24	Diagrammatic Puzzles
08-Sep-2021	Mathematics Daily Test 24	TRIANGLES :- Introduction, Similar figures, Similar polygons, Similar triangles, Basic Proportionality Theorem and its converse; Problems on BPT
09-Sep-2021	Science Daily Test 24	"Physics: 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 Chemistry: Revision test ( Chemistrical reactions and equations. Acids bases and salts) Biology: HOW DO ORGANISMS REPRODUCE? :- Female Reproductive system"
10-Sep-2021	English + SST Daily Test 24	English: Revision Test SST: Political Science, Ch8: ChallEnglishes to Democracy:- Thinking About ChallEnglishes, Different Contexts, Different ChallEnglishes, Different Types Of ChallEnglishes, Thinking About Political Reforms, Redefining Democracy
11-Sep-2021	MAT Daily Test 25	Cubes and Dices
13-Sep-2021	Mathematics Daily Test 25	TRIANGLES:- Theorems related to criteria of similarity of similar triangles; AAA Similarity Theorem; SSS Similarity Theorem; SAS Similarity Theorem ; Problems on Similarity
14-Sep-2021	Science Daily Test 25	"Physics: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Force on a Current Carrying Conductor Placed in a magnetic Field, Fleming's Left Hand Rule, Numericals Chemistry: CARBON AND COMPOUNDS:- § Introduction; Carbon in daily life; Allotropes of Carbon; Diamond; Structure of diamond; Physicssical properties; Uses; Graphite; Structure of graphite; Physicssical properties; Uses of graphite; Fullerenes; Structure of Fullerenes; Physicssical properties; Uses of fullerenes Biology: HOW DO ORGANISMS REPRODUCE?: -Fertilization in human beings, What happens when egg is not fertilized?, Reproductive health, Sexually Transmitted Diseases (STD)"

**AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS XI (JEE)**

Test Date	Test Name	Test Syllabus
15-Sep-2021	MAT Daily Test 26	Water and Mirror Image
16-Sep-2021	Mathematics Daily Test 26	TRIANGLES :- Theorem related to areas of similar triangles
17-Sep-2021	Science Daily Test 26	"Physics: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Electric Motor, Principle of Electric Motor, Working of Electric Motor  Chemistry: 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  Biology: Control and coordination in animals and plants, Nervous system & neurons, Synapse , reflex actions, necessity of reflex actions, why reflex arcs have evolved in animals."
20-Sep-2021	MAT Daily Test 27	MAT: Calender & Clock, Ranking Test, Mirror Image, Blood Relation, Direction Sense Test, Incomplete Figures, Embedded Figures, Transparent Paper Folding
21-Sep-2021	Mathematics Daily Test 27	TRIANGLES :- Pythagoras theorem & its converse
22-Sep-2021	Science Daily Test 27	"Physics: 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.  Chemistry: 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  Biology: 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"
23-Sep-2021	MAT Daily Test 28	MAT: Coding and Decoding, Classification, Syllogism, Blood Relation, Non-Verbal Classification, Cubes & Dices, Calender & Clock, Incomplete Figures



**AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS XI (JEE)**

Test Date	Test Name	Test Syllabus
24-Sep-2021	Mathematics Daily Test 28	TRIANGLES :- Internal angle bisector theorem & its converse; External angle bisector theorem
25-Sep-2021	Science Daily Test 28	"Physics: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Household Electric Circuit, Domestic Wire, Electric Problems, Overload, Short circuit, Precaution in the use of Electricity Chemistry: 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 Biology: 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"
27-Sep-2021	MAT Daily Test 29	MAT: Number Series Alphabetical & , Alphanumeric Series, Classification, Non-Verbal (Series)
28-Sep-2021	Mathematics Daily Test 29	Revision Test (Triangles)
29-Sep-2021	Science Daily Test 29	"Physics: MAGNETIC EFFECTS OF ELECTRIC CURRENT:- Magnetism & Matter, Basics of Earth's Magnetism ,Magnetic Elements, Diamagnetic, Paramagnetic & Ferromagnetic Substances Chemistry: CARBON AND COMPOUNDS:- Substitution reaction; Polymerization reaction; Some Important Organic Compounds; Ethyl Alcohol or Ethanol; Preparation of ethyl alcohol; Physical properties Biology: HEREDITY AND EVOLUTION:- Law of Dominance; Law of Segregation; Dihybrid cross; Law of Independent Assortment; How do these traits get expressed?"
30-Sep-2021	MAT Daily Test 30	MAT: Analogy, Classification, Direction Sense Test, Ranking Test, Non-Verbal (Classification, Analogy)
01-Oct-2021	Mathematics Daily Test 30	Revision Test (Triangles)

**AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS XI (JEE)**

Test Date	Test Name	Test Syllabus
04-Oct-2021	Science Daily Test 30	<p>"Physics: 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</p> <p>Chemistry: CARBON AND COMPOUNDS:- Chemistry properties; Combustion; Reaction with sodium; Oxidation; Dehydration reaction; Esterification; Some commercial forms of ethanol; Uses of Alcohol</p> <p>Biology: HEREDITY AND EVOLUTION:- o Sex determination; Chromosomes in human beings; Sex chromosomes; Autosomes, Origin of life on earth; Theory of Chemistry evolution"</p>
06-Oct-2021	MAT Daily Test 31	MAT: Blood Relation, Coding and Decoding, Venn Diagram
07-Oct-2021	Mathematics Daily Test 31	COORDINATE GEOMETRY (LINES IN TWO – DIMENSIONS) :- Introduction; Rectangular coordinate system; Coordinates of a point; Distance formula; Circumcentre of a triangle
08-Oct-2021	Science Daily Test 31	<p>"Physics: SOURCES OF ENERGY:- SOURCES OF ENERGY:- Biology-fuel, Biologymass as Fuel, Charcoal, Animal Dung, Biology-gas, Fixed Dome Type Biology-gas Plant, Floating Gas Holder Type Biology-gas Plant, Advantages of Biology-gas Plant, Important Uses of Biology-gas</p> <p>Chemistry: CARBON AND COMPOUNDS:- Ethanoic Acid; Preparation; Properties of Ethanoic Acid; Physicssical properties; Chemistry properties; Acidic nature; Reaction of bases; Reaction with carbonates and bicarbonates</p> <p>Biology: HEREDITY AND EVOLUTION:- Evolution; Inherited traits; Acquired traits ; Speciation, Evolution and classification; Tracing evolutionary relationships; Comparative morphological evidences; Homologous organs; Analogous organs; Vestigial organs"</p>
09-Oct-2021	MAT Daily Test 32	MAT: Syllogism, Mathematical Operations
11-Oct-2021	Mathematics Daily Test 32	COORDINATE GEOMETRY (LINES IN TWO – DIMENSIONS) :- Section formula, Internal division, Mid- point formula, Applications of section formula

**AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS XI (JEE)**

Test Date	Test Name	Test Syllabus
12-Oct-2021	Science Daily Test 32	<p>"Physics: SOURCES OF ENERGY:- Alcohol as fuel, Hydrogen, Energy From Oceans, Tidal Energy, Ocean Wave Energy, Ocean Thermal Energy, Geothermal Energy, Environmental Consequences</p> <p>Chemistry: 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)</p> <p>Biology: HEREDITY AND EVOLUTION:- Embryological evidences; Molecular Phylogenetics; 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>
13-Oct-2021	MAT Daily Test 33	<p>MAT: Number Series</p> <p>Alphabetical &amp; Alphanumeric Series, Analogy, Classification, Coding &amp; Decoding Blood Relation, Venn Diagram, Ranking Test, Non-verbal (Analogy, Classification)</p>
14-Oct-2021	Mathematics Daily Test 33	<p>COORDINATE GEOMETRY (LINES IN TWO – DIMENSIONS):- Area of a triangle, Slope of Line Related Problem</p>
18-Oct-2021	Science Daily Test 33	<p>"Physics: NON RENEWABLE SOURCES OF ENERGY</p> <p>Chemistry: 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</p> <p>Biology: OUR ENVIRONMENT:- Life processes( complete chapter)"</p>
19-Oct-2021	MAT Daily Test 34	<p>MAT: Number Series, Alphabetical &amp; Alphanumeric Series, Venn Diagram, Coding and Decoding, Blood Relation, Non-Verbal (Analogy), Incomplete Figure</p>
20-Oct-2021	Mathematics Daily Test 34	<p>Revision Test (Coordinate Geometry)</p>

**AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS XI (JEE)**

Test Date	Test Name	Test Syllabus
21-Oct-2021	Science Daily Test 34	"Physics: Revision Test ( sources of energy complete) Chemistry: 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 Biology: Sustainable Management of Natural Resources (complete chapter)"
22-Oct-2021	MAT Daily Test 35	MAT: Number Series Alphabetical & Alphanumeric Series, Analogy, Coding & Decoding, Cubes & Dices, Venn Diagram, Water Image, Number and Alphabet Test
23-Oct-2021	Mathematics Daily Test 35	INTRODUCTION TO TRIGONOMETRY :- Introduction; System of measurement of an angle; Sexagesimal system; Circular System; Centesimal System; Trigonometric ratios
25-Oct-2021	Science Daily Test 35	"Physics : Revision Test Light: Reflection and refraction Chemistry: 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 Biology : Heredity and evolution"
26-Oct-2021	Mathematics Daily Test 36	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
27-Oct-2021	Science Daily Test 36	"Physics: Revision Test( Electricity, Magnetic effects of electric current) Chemistry: 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 Biology: Reproduction(complete chapter)"

## AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE &amp; SYLLABUS FOR CLASS XI (JEE)

Test Date	Test Name	Test Syllabus
28-Oct-2021	Mathematics Daily Test 37	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
01-Nov-2021	Mathematics Daily Test 38	Revision Test (Introduction to Trigonometry)
02-Nov-2021	Mathematics Daily Test 39	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
03-Nov-2021	Mathematics Daily Test 40	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
05-Nov-2021	Mathematics Daily Test 41	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 $m : n$
06-Nov-2021	Mathematics Daily Test 42	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
08-Nov-2021	Mathematics Daily Test 43	Constructions
09-Nov-2021	Mathematics Daily Test 44	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
10-Nov-2021	Mathematics Daily Test 45	AREAS RELATED TO CIRCLES:- Areas of parts of a circle; Sector, Segment, Areas of combination of plane figures
11-Nov-2021	Mathematics Daily Test 46	Maths: Areas related to circles
12-Nov-2021	Mathematics Daily Test 47	SURFACE AREAS AND VOLUMES:- Introduction; Brief review.; Cuboid; Cube; Solid cylinder; Hollow cylinder; Cone; Solid sphere; Spherical shell; Hemisphere; Hemispherical shell

**AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS XI (JEE)**

Test Date	Test Name	Test Syllabus
13-Nov-2021	Mathematics Daily Test 48	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
16-Nov-2021	Mathematics Daily Test 49	Maths: Surface Areas and Volumes
17-Nov-2021	Mathematics Daily Test 50	STATISTICS :- Introduction; Mean; Mean of a grouped data; Direct method; Assumed mean method, Step deviation method; Merits & demerits of arithmetic mean; Problems discussion
18-Nov-2021	Mathematics Daily Test 51	STATISTICS :- Cumulative frequency curve (or an Ogive); Less than Ogive; More than Ogive; Advantages of Ogive; Relative characteristics of Mean, Median & Mode discussion
20-Nov-2021	Mathematics Daily Test 52	Maths: Statistics
22-Nov-2021	Mathematics Daily Test 53	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
23-Nov-2021	Mathematics Daily Test 54	PROBABILITY :- Relation between $P(A)$ and $P(\text{not } A)$ ; Problems related to Playing Cards
24-Nov-2021	Mathematics Daily Test 55	Maths: Probability

## AIATS SCHEDULE

Test No.	Subject	Type	Syllabus	Test Date
AIATS- Practice Test	Science, Maths & MAT	Objective	Physicssics: Light: Reflection and Refraction Chemistryistry: Chemistryical Reactions and Equations Biologylogy: Life Processes Maths: Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions MAT: Number Series, Alphabetical Series, Alphanumeric Series, Non-Verbal Series, Analogy (Verbal and Non-Verbal), Classifica- tion (Verbal and Non-Verbal), Direction Sense Test, Coding and Decoding	11th Jul 2021
AIATS-1	Science, Maths & MAT	Objective	PCMB- Syllabus of Practice test MAT- Syllabus of Practice test	18th Jul 2021
AIATS-2	Science, Maths & MAT	Objective	Physicssics: Light: Reflection and Refraction, Human Eye and Colourful World, Electricity Chemistryistry: Chemistryical Reactions and Equations, Acids, Bases and Salts, Metals and Non-metals Biologylogy: Life Processes, Control and Coordination, How do Organisms Reproduce Maths: Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Introduction to Trigonometry, Some Applications of Trigonometry MAT: Blood Relation, Venn diagram, Syllogism, Mathematical operations, Number and Alphabet Test, Diagrammatic puzzles, Ranking Test , Analytical reasoning , Calendar, Clock and Time	3rd Oct 2021
AIATS-3	Science, Maths & MAT	Objective	Physicssics: Magnetic Effects of Electric Current Chemistryistry: Carbon and its Compounds Biologylogy: How do Organisms Reproduce, Heredity and Evolution Maths: Introduction to Trigonometry, Some Applications of Trigonometry, Circles, Constructions, Areas Related to Circles MAT: Complete Syllabus	21st Nov 2021
AIATS-4	Science, Maths & MAT	Objective	Physicssics: Magnetic Effects of Electric Current, Sources of Energy Chemistryistry: Carbon and Its Compounds, Periodic Classification of Elements Biologylogy: Heredity and Evolution, Our Environment, Sustainable Management of Natural Resources Maths: Circles, Constructions, Areas Related to Circles, Surface Areas and Volumes, Statistics, Probability MAT: Complete syllabus	2nd Jan 2022
AIATS-5	Science, Maths & MAT	Objective	Complete Syllabus	23rd Jan 2022
AIATS-6	Science, Maths & MAT	Objective	Complete Syllabus	13th Feb 2022

**Comprehensive Test Package (CTP) FOR CLASS -X**

TEST	DATE	DAY	TOPIC
UT-1	12.06.2021	Saturday	Physics : Light-Reflection and Refraction
			Chemistry : Chemical Reactions and Equations, Acids, Bases and Salts
			Maths : Real Number, Polynomials, Pair of Linear Equations in Two Variables
UT-2	17.07.2021	Saturday	Physics : Human Eye and Colourful World, Electricity
			Biology : Life Processes
			Maths : Quadratic Equations, Arithmetic Progressions
PT-1	24.07.2021	Saturday	UT-1 & UT-2
UT-3	16.08.2021	Monday	Chemistry : Metals and Non-Metals
			Biology : Control and Coordination
			Maths : Triangles, Coordinate Geometry
CT-1	28.08.2021	Saturday	UT-1 & UT-3
UT-4	18.09.2021	Saturday	Physics : Magnetic Effects of Electric Current
			Biology : How do Organisms Reproduce?, Heredity and Evolution
			Maths : Introduction to Trigonometry, Some Applications of Trigonometry
UT-5	16.10.2021	Saturday	Physics : Sources of Energy
			Chemistry : Carbon and its Compounds
			Maths : Circles, Constructions, Areas Related to Circles



Comprehensive Test Package (CTP) FOR CLASS -X			
TEST	DATE	DAY	TOPIC
PT -2	30.10.2021	Saturday	UT-4 & UT-5
UT-6	15.11.2021	Monday	Chemistry : Periodic Classification of Elements
			Biology : Our Environment, Sustainable Management of Natural Resources
			Maths : Surface Areas & Volumes, Statistics, Probability
CT-2	27.11.2021	Saturday	UT-4 TO UT-6
FST-1	11.12.2021	Saturday	UT-1 TO UT-6
FST-2	27.12.2021	Monday	UT -1 TO UT-6

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

The Schedule for 2nd Year (Class XII) shall be provided in April, 2022

# Class - X CALENDAR 2021-2023 (All-in-one Planner)

May'21			Jun'21			Jul'21			Aug'21			Sep'21			Oct'21		
1	Sa		1	Tu	DPT - MATH5	1	Th	DPT - Sci11	1	Su		1	We	DPT - MAT23	1	Fr	DPT - MATH30
2	Su		2	We	DPT - Sci5	2	Fr	DPT - E+S11	2	Mo	DPT - MATH17	2	Th	DPT - MATH23	2	Sa	Gandhi Jayanti
3	Mo		3	Th	DPT - E+S5	3	Sa	DPT - MAT12	3	Tu	DPT - Sci17	3	Fr	DPT - Sci23	3	Su	
4	Tu		4	Fr	DPT - MAT6	4	Su		4	We	SBT-3 & SBT-4	4	Sa	SBT-5	4	Mo	DPT - Sci20
5	We		5	Sa	DPT - MATH6	5	Mo	DPT - MATH12	5	Th	DPT - E+S17	5	Su		5	Tu	SBT-6
6	Th		6	Su		6	Tu	DPT - Sci12	6	Fr	DPT - MAT18	6	Mo	DPT - E+S23	6	We	DPT - MAT31
7	Fr		7	Mo	DPT - Sci6	7	We	DPT - E+S12	7	Sa	DPT - MATH18	7	Tu	DPT - MAT24	7	Th	DPT - MATH31
8	Sa		8	Tu	DPT - E+S6	8	Th	DPT - MAT13	8	Su		8	We	DPT - MATH24	8	Fr	DPT - Sci31
9	Su		9	We	DPT - MAT7	9	Fr	DPT - MATH13	9	Mo	DPT - Sci18	9	Th	DPT - Sci24	9	Sa	DPT - MAT32
10	Mo	DPT - MAT1	10	Th	DPT - MATH7	10	Sa	DPT - Sci13	10	Tu	DPT - E+S18	10	Fr	DPT - E+S24	10	Su	
11	Tu	DPT - MATH1	11	Fr	DPT - Sci7	11	Su		11	We	DPT - MAT19	11	Sa	DPT - MAT25	11	Mo	DPT - MATH32
12	We	DPT - Sci1	12	Sa	DPT - E+S7	12	Mo	DPT - E+S13	12	Th	DPT - MATH19	12	Su		12	Tu	DPT - Sci32
13	Th	DPT - E+S1	13	Su		13	Tu	DPT - MAT14	13	Fr	DPT - Sci19	13	Mo	DPT - MATH25	13	We	DPT - MAT33
14	Fr	Eid al-Fitr	14	Mo	DPT - MAT8	14	We	DPT - MATH14	14	Sa	DPT - E+S19	14	Tu	DPT - Sci25	14	Th	DPT - MATH33
15	Sa	DPT - MAT2	15	Tu	DPT - MATH8	15	Th	SBT-2	15	Su	Independence Day	15	We	DPT - MAT26	15	Fr	Dussehra
16	Su		16	We	DPT - Sci8	16	Fr	DPT - Sci14	16	Mo	UT-3	16	Th	DPT - MATH26	16	Sa	UT-5
17	Mo	DPT - MATH2	17	Th	DPT - E+S8	17	Sa	UT-2	17	Tu	DPT - MAT20	17	Fr	DPT - Sci26	17	Su	
18	Tu	DPT - Sci2	18	Fr	DPT - MAT9	18	Su		18	We	DPT - MATH20	18	Sa	UT-4	18	Mo	DPT - Sci33
19	We	DPT - E+S2	19	Sa	DPT - MATH9	19	Mo	DPT - E+S14	19	Th	DPT - Sci20	19	Su		19	Tu	DPT - MAT34
20	Th	DPT - MAT3	20	Su		20	Tu	DPT - MAT15	20	Fr	DPT - E+S20	20	Mo	DPT - MAT27	20	We	DPT - MATH34
21	Fr	DPT - MATH3	21	Mo	DPT - Sci9	21	We	Eid al-Adha	21	Sa	DPT - MAT21	21	Tu	DPT - MATH27	21	Th	DPT - Sci34
22	Sa	DPT - Sci3	22	Tu	DPT - E+S9	22	Th	DPT - MATH15	22	Su		22	We	DPT - Sci27	22	Fr	DPT - MAT35
23	Su		23	We	DPT - MAT10	23	Fr	DPT - Sci15	23	Mo	DPT - MATH21	23	Th	DPT - MAT28	23	Sa	DPT - MATH35
24	Mo	DPT - E+S3	24	Th	DPT - MATH10	24	Sa	PT-1	24	Tu	DPT - Sci21	24	Fr	DPT - MATH28	24	Su	
25	Tu	DPT - MAT4	25	Fr	DPT - Sci10	25	Su		25	We	DPT - E+S21	25	Sa	DPT - Sci29	25	Mo	DPT - Sci35
26	We	DPT - MATH4	26	Sa	UT-1	26	Mo	DPT - E+S15	26	Th	DPT - MAT22	26	Su		26	Tu	DPT - MATH36
27	Th	DPT - Sci4	27	Su		27	Tu	DPT - MAT16	27	Fr	DPT - MATH22	27	Mo	DPT - MAT29	27	We	DPT - Sci36
28	Fr	DPT - E+S4	28	Mo	DPT - E+S10	28	We	DPT - MATH16	28	Sa	CT-1	28	Tu	DPT - MATH29	28	Th	DPT - MATH37
29	Sa	SBT-1	29	Tu	DPT - MAT11	29	Th	DPT - Sci16	29	Su		29	We	DPT - Sci29	29	Fr	SBT-7
30	Su		30	We	DPT - MATH11	30	Fr	DPT - E+S16	30	Mo	DPT - Sci22	30	Th	DPT - MAT30	30	Sa	PT-2
31	Mo	DPT - MAT5				31	Sa	DPT - MAT17	31	Tu	DPT - E+S22				31	Su	

# Class - X CALENDAR 2021-2023 (All-in-one Planner)

Nov'21			Dec'21			Jan'22			Feb'22			Mar'22			Apr'22		
1	Mo	DPT - MATH38	1	We		1	Sa		1	Tu		1	Tu		1	Fr	
2	Tu	DPT - MATH39	2	Th		2	Su		2	We		2	We		2	Sa	
3	We	DPT - MATH40	3	Fr		3	Mo		3	Th		3	Th		3	Su	
4	Th	Diwali	4	Sa	SBT-8, 9 and 10	4	Tu		4	Fr		4	Fr		4	Mo	
5	Fr	DPT - MATH41	5	Su		5	We		5	Sa		5	Sa		5	Tu	
6	Sa	DPT - MATH42	6	Mo		6	Th		6	Su		6	Su		6	We	
7	Su		7	Tu		7	Fr		7	Mo		7	Mo		7	Th	
8	Mo	DPT - MATH43	8	We		8	Sa		8	Tu		8	Tu		8	Fr	
9	Tu	DPT - MATH44	9	Th		9	Su		9	We		9	We		9	Sa	
10	We	DPT - MATH45	10	Fr		10	Mo		10	Th		10	Th		10	Su	
11	Th	DPT - MATH46	11	Sa	FST-1	11	Tu		11	Fr		11	Fr		11	Mo	
12	Fr	DPT - MATH47	12	Su		12	We		12	Sa		12	Sa		12	Tu	
13	Sa	DPT - MATH48	13	Mo		13	Th		13	Su		13	Su		13	We	
14	Su		14	Tu		14	Fr		14	Mo		14	Mo		14	Th	
15	Mo	UT-6	15	We		15	Sa		15	Tu		15	Tu		15	Fr	
16	Tu	DPT - MATH49	16	Th		16	Su		16	We		16	We		16	Sa	
17	We	DPT - MATH50	17	Fr		17	Mo		17	Th		17	Th		17	Su	
18	Th	DPT - MATH51	18	Sa		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	DPT - MATH52	20	Mo		20	Th		20	Su		20	Su		20	We	
21	Su		21	Tu		21	Fr		21	Mo		21	Mo		21	Th	
22	Mo	DPT - MATH53	22	We		22	Sa		22	Tu		22	Tu		22	Fr	
23	Tu	DPT - MATH54	23	Th		23	Su		23	We		23	We		23	Sa	
24	We	DPT - MATH55	24	Fr		24	Mo		24	Th		24	Th		24	Su	
25	Th		25	Sa	Christmas Day	25	Tu		25	Fr		25	Fr		25	Mo	
26	Fr		26	Su		26	We	Republic Day	26	Sa		26	Sa		26	Tu	
27	Sa	CT-2	27	Mo	FST-2	27	Th		27	Su		27	Su		27	We	
28	Su		28	Tu		28	Fr		28	Mo		28	Mo		28	Th	
29	Mo		29	We		29	Sa					29	Tu		29	Fr	
30	Tu		30	Th		30	Su					30	We		30	Sa	
			31	Fr		31	Mo					31	Th				



# Thank You

**ALL THE BEST FOR YOUR EXAMS!!**