



Aakash



> Ranker Test Series Schedule (For Class VIII Students 2023-24)

Olympiad Test Package

Details

- Olympiad Test No.-1** Based on Science Olympiad Syllabus with Hints & Solutions
Olympiad Test No.-2 Based on Mathematics Olympiad Syllabus with Hints & Solutions
Olympiad Test No.-3 Based on Science Olympiad Syllabus with Hints & Solutions
Olympiad Test No.-4 Based on Mathematics Olympiad Syllabus with Hints & Solutions

Online Test Package

Test	Date	Day	TOPIC
UT-1	11-Jun-2023	Sunday	Chemistry: Coal and Petroleum (till uses of Coal and its products) Biology: Crop Production and Management Maths: Rational Numbers, Linear Equations in One Variable
UT-2	15-Jul-2023	Saturday	Physics: Force and Pressure, Friction Biology: Microorganisms: Friend and Foe Maths: Understanding Quadrilaterals
UT-3	12-Aug-2023	Saturday	Physics: Sound Chemistry: Coal and Petroleum (Petroleum onwards) Maths: Data Handling, Squares and Square Roots, Cubes & Cube Roots
PT-1	02-Sep-2023	Saturday	For Chemistry: Coal and Petroleum (Complete chapter) For Physics, Biology & Maths: Complete Syllabus of Module 1
UT-4	14-Oct-2023	Saturday	Physics: Some Natural Phenomena Biology: Reproduction in Animals Maths: Mensuration
UT-5	18-Nov-2023	Saturday	Chemistry: Combustion and Flame (till flame) Biology: Reaching the Age of Adolescence Maths: Exponents & Powers, Direct & Inverse Proportions
UT-6	16-Dec-2023	Saturday	Physics: Light Chemistry: Combustion and Flame (Complete chapter) Maths: Factorization, Introduction to Graphs
PT-2	23-Dec-2023	Saturday	For Physics, Biology & Maths: Complete Syllabus Of Module-2 For Chemistry: Combustion and Flame
FST-1	06-Jan-2024	Saturday	Complete Syllabus
FST-2	13-Jan-2024	Saturday	Complete Syllabus

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

NOTE : Excluding the topics/chapters as per NCERT for session 2023-24

Note: This schedule is for academic year 2023-24 only | Next year schedule shall be intimated in April 2024



> AIATS Schedule for Class VIII (Studying Students 2023-24)

AIATS (CBSE) Test Schedule for Class-VIII

Test No.	Subject	Test Date	Test Date Only for ONLINE Students	Syllabus
AIATS-Practice Test	Science, Maths & MAT	23rd Jul 2023		Physics: Force and Pressure, Friction Chemistry: Coal and Petroleum (till constituent of Petroleum and its uses) Biology: Crop Production and Management, Microorganisms-Friend and Foe Maths: Rational Numbers (Excluding :Representing Rational Numbers on Number Line, Inserting Rational Numbers between Two given Rational Numbers) , Linear Equations in One Variable (Excluding :Applications of Linear Equations in One Variable having Variables on One Side , Applications Linear Equations in One Variable having Variables on Both Sides) , Understanding Quadrilaterals, Data Handling (Excluding :Frequency Distribution Table, Histogram) MAT: Series, Mathematical operation, Dice, Analogy, Coding decoding
AIATS-1	Science, Maths & MAT	13th Aug 2023	13th to 15th Aug 10 AM (Sun) to 10 AM (Tue)	PCMB: Syllabus of Practice test MAT: Syllabus of Practice test
AIATS-2	Science, Maths & MAT	29th Oct / 5th Nov 2023	5th to 7th Nov 10 AM (Sun) to 10 AM (Tue)	Physics: Force and Pressure, Friction, Sound Chemistry: Coal and Petroleum Biology: Microorganisms-Friend and Foe, Conservation of Plants and Animals Maths: Rational Numbers (Excluding :Representing Rational Numbers on Number Line, Inserting Rational Numbers between Two given Rational Numbers) , Linear Equations in One Variable (Excluding :Applications of Linear Equations in One Variable having Variables on One Side , Applications Linear Equations in One Variable having Variables on Both Sides) , Understanding Quadrilaterals, Data Handling (Excluding :Frequency Distribution Table, Histogram), Squares and Square Roots , Cubes and Cube Roots, Comparing Quantities(Excluding: finding increase or decrease Percentage), Algebraic Expressions and Identities (Excluding :Number Line & Expressions) MAT: Direction Test, Ranking test, Missing chracter, Blood relation, Number and alphabet test, Non verbal- reasoning"



> AIATS Schedule for Class VIII

(Studying Students 2023-24)

AIATS (CBSE) Test Schedule for Class-VIII

Test No.	Subject	Test Date	Test Date Only for ONLINE Students	Syllabus
AIATS-3	Science, Maths & MAT	3rd Dec 2023	3rd to 5th Dec 10 AM (Sun) to 10 AM (Tue)	Physics: Chemical Effects of Electric Current, Some Natural Phenomena Chemistry: Combustion and Flame (Combustion, Types of Combustion, Flame, Facts related to candle flame, Fuels (Types of fuels) Essentials of Fuel (Calorific Value)) Biology: Reproduction in Animals Maths: Comparing Quantities (Excluding: finding increase or decrease Percentage), Algebraic Expressions and Identities (Excluding: Number Line & Expressions, Concept of Equations & Identities), Mensuration (Excluding: Area of Trapezium, Area of General Quadrilateral, Area of Rhombus) MAT: Complete Syllabus
AIATS-4	Science, Maths & MAT	7th Jan 2024	7th to 9th Jan 10 AM (Sun) to 10 AM (Tue)	Physics: Some Natural Phenomena, Light Chemistry: Combustion and Flame Biology: Reproduction in Animals, Reaching the age of Adolescence Maths: Mensuration (Excluding: Area of Trapezium, Area of General Quadrilateral, Area of Rhombus), Exponents and Powers, Direct and Inverse Proportions, Factorization MAT: Complete Syllabus
AIATS-5	Science, Maths & MAT	4th Feb 2024	4th to 6th Feb 10 AM (Sun) to 10 AM (Tue)	Complete Syllabus (Excluding the topics/chapters as per NCERT for session 2023-24)

AAKASH TEST PLANNER – DAILY PRACTICE TEST SCHEDULE & SYLLABUS FOR CLASS VIII

Test Name	Test Syllabus
MAT Daily Test 01	MAT: Series
Mathematics Daily test 01	Math: RATIONAL NUMBERS: -Introduction to Rational Numbers; Types and Properties of Rational Numbers. Comparison of Rational Numbers
Science Daily test 01	"Physics: FORCE AND PRESSURE:- Force, Cause of Force, Effect of Force, Contact Forces, Muscular Force, Frictional Force Chemistry: SYNTHETIC FIBRES & PLASTICS:- Introduction; Chemistry of Fibres & Plastics; Classification of Polymers Biology: CROP PRODUCTION & MANAGEMENT:- Introduction; Kharif Crops; Rabi Crops; Agricultural Practices; Preparation of Soil; Agricultural Implements; Plough; Hoe; Cultivator; Sowing; Selection of Seeds"
English_SST Daily Test 01	"English: Reading Comprehension:- Reading Comprehension; Introduction to methods of reading; Types of Passages; Types of Questions SST: Geography, Ch1: Resources,:- What is a Resource?, Types Of Resources, Natural Resources, Human Made Resources, Human Resources, Conserving Resources, Sustainable Development"
MAT Daily Test 02	MAT: (I) Mathematical Operations
Mathematics Daily test 02	Math: RATIONAL NUMBERS: -Addition of Rational Numbers , Subtraction of Rational Numbers , Multiplication of Rational Numbers ; Division of Rational Numbers
Science Daily test 02	"Physics: FORCE AND PRESSURE:- Non-Contact Forces, Magnetic Force, Gravitational Force , Mass, Weight, Electrostatic Force Chemistry: SYNTHETIC FIBRES & PLASTICS:- Fibres; Rayon; Nylon; Polyester; Orlon; Advantages & Disadvantages of Synthetic Fibres Biology: CROP PRODUCTION & MANAGEMENT:- Tools used for Sowing Seeds; Traditional Tool; Seed Drill; Transplantation; Adding Manure; Manure; Types of Manure; Advantages & Disadvantages of Manure"
English_SST Daily Test 02	"English: Reading Comprehension (Contd...):- Unseen Poetry Reading; Literary Devices; Figures of Speech; Types of Questions SST: History, Ch1: How, When and Where:- How Important are Dates?, Which Dates?, How do we Periodise?, What is Colonial?, How do we Know?, Administration Produces Records, Surveys Become Important, What Official Records do not Tell"
MAT Daily Test 03	MAT: Series and Mathematical Operations

Mathematics Daily test 03	Math: RATIONAL NUMBERS: -Representing Rational Numbers on Number Line , Inserting Rational Numbers between Two given Rational Numbers
Science Daily test 03	"Physics: FORCE AND PRESSURE:- Pressure, Pressure exerted by Liquids & Gases, Atmospheric Pressure Chemistry: SYNTHETIC FIBRES & PLASTICS:- Comparison between Natural & Synthetic Fibres; Plastics; Classification of Plastics Biology: CROP PRODUCTION & MANAGEMENT:- Fertilizers; Advantages & Disadvantages of Fertilizers; Difference between Manure & Fertilizers; Fallowing & Crop Rotation; Irrigation; Sources of Irrigation; Methods of Irrigation; Traditional Methods of Irrigation; Moat; Chain Pump; Dhekli; Rahat; Modern Method; Sprinkler System; Drip System"
English_SST Daily Test 03	"English: Determiners:- Introduction to parts of Speech; Determiners SST: Civics, Ch1: The Indian Constitution:- Why does a Country Need a Constitution?, The Indian Constitution: Key Features"
MAT Daily Test 04	MAT: Dice
Mathematics Daily test 04	Math: LINEAR EQUATIONS IN ONE VARIABLE: -Introduction to Linear Equations in One Variable; Solving Linear Equations in One Variable having Variables on One Side;
Science Daily test 04	"Physics: FRICTION:- Force of Friction, Factors affecting Friction, Roughness & smoothness, Normal Reaction Chemistry: SYNTHETIC FIBRES & PLASTICS:- Some Common Plastics; Polythene; Polypropene; PVC; Teflon; Polystyrene; Bakelite; Melamine; Characteristics of Plastics Biology: CROP PRODUCTION & MANAGEMENT:- Protection from Weed; Methods of Weeding; Tilling; Manual Removal of Weeds; Using Weedicide; Harvesting; Agricultural Tools used for Harvesting; Sickle; Harvester; Combine; Winnowing"
English_SST Daily Test 04	"English: Modals:- Modals and their usage SST: History, Ch2: From Trade to Territory:- East India Company Comes East, East India Company Begins Trade in Bengal, How Trade Led to Battles, The Battle of Plassey, Company Officials Become "Nabobs", Company Rule Expands, Tipu Sultan- The Tiger of Mysore, War with Marathas, The Claim of Paramountcy, The Doctrine of Lapse, Setting up a New Administration, The Company Army"
MAT Daily Test 05	MAT: Series, Mathematical Operations and Dice
Mathematics Daily test 05	Math: LINEAR EQUATIONS IN ONE VARIABLE: -Applications of Linear Equations in One Variable having Variables on One Side ; Solving Linear Equations in One Variable having Variables on Both Sides .

Science Daily test 05	"Physics: FRICTION:- Area of Contact, Static & Kinetic Friction, Friction a Necessary Evil Chemistry: SYNTHETIC FIBRES & PLASTICS:- Advantages & Disadvantages of Plastics Biology: CROP PRODUCTION & MANAGEMENT:- Storage; Factors Affecting Storage of Food Grains; Food from Animals; Animal Husbandry; Dairy Animals; Poultry; Fish; Honey Bees"
English_SST Daily Test 05	"English: Tenses:- Forms of present, past and future tenses – simple, perfect, continuous and perfect continuous tense; Sentence completion SST: Civics, Ch2: Understanding Secularism:- What is Secularism?, Why is it Important to Separate Religion from the State?, What is Indian Secularism?"
MAT Daily Test 06	MAT: Analogy: Verbal and Non verbal
Mathematics Daily test 06	Math: LINEAR EQUATIONS IN ONE VARIABLE: -Applications of Linear Equations in One Variable having Variables on Both Sides.
Science Daily test 06	"Physics: FRICTION:- Advantages of Friction, Disadvantages of Friction Chemistry: MATERIALS: METALS AND NON METALS :- Introduction; Metals; Physical Properties of Metals Biology: MICROORGANISMS: FRIEND & FOE:- Introduction; Microorganisms; Classification of Microorganisms; Viruses; Habitat of Microorganisms; Structure of Microorganisms"
English_SST Daily Test 06	"English: Fill in the Blanks, Gap filling:- Types of Fill in the Blanks; Single fill in the Blank ; Double fillers; Multiple Blanks (Gap filling); Strategies to solve a cloze test SST: Geography, Ch2: Land, Soil, Water, Natural Vegetation and Wildlife Resources:- Land, Land Use, Conservation of Land Resource, Soil, Factors of Soil Formation, Degradation of Soil and Conservation Measures, Water, Problems of Water Availability, Conservation of Water Resources, Natural Vegetation and Wildlife, Distribution of Natural Vegetation, Conservation of Natural Vegetation& Wildlife"
MAT Daily Test 07	MAT: Series, Mathematical Operations, Dice, Analogy
Mathematics Daily test 07	Math: Complete Chapter (Rational Numbers)
Science Daily test 07	"Physics: FRICTION:- Rolling Friction, Fluid Friction & Air Resistance Chemistry: MATERIALS: METALS AND NON METALS :- Homogeneous Mixtures & Heterogeneous Mixtures; Chemical Properties of Metals; Reaction of Metals with Oxygen Biology: MICROORGANISMS: FRIEND & FOE:- Microorganisms & Us; Friendly Microorganisms: An Introduction; Harmful Microorganisms: An Introduction; Friendly Microorganisms (in detail); Food Production; Preparation of Curd; Baking Industry"

English_SST Daily Test 07	"English: Sentence Rearrangement:- Rules of Sentence Rearrangement; Connectors and types of links; Standard structures ; Subject-Object clues SST: History, Ch3: Ruling the Countryside, ,:- The Company Becomes the Diwan, Revenue for the Company, The Need to Improve Agriculture, The Problem, A New System is Devised, The Munro System, All was not Well, Crops for Europe, Why the Demand for Indian Indigo?, Britain Turns to India, How was Indigo Cultivated?, The Problem with NijCultivation, Indigo on the Land of ryots, The "Blue Rebellion" and After"
MAT Daily Test 08	MAT: Coding and decoding
Mathematics Daily test 08	Math: Complete Chapter (Linear Equations in one variable)
Science Daily test 08	"Physics: FRICTION:- Increasing and Reducing Friction Chemistry: MATERIALS: METALS AND NON METALS :- Reaction of Metals with Water; Reaction of Metals with Dilute Acids; Reaction of Metals with Salt Solutions; Reaction of Metals with Chlorine; Reaction of Metals with Bases Biology: MICROORGANISMS: FRIEND & FOE:- Commercial Use; For the Production of Alcohol & Wine; For the Production of Acetic Acid; Medicinal Use of Microorganisms; Vaccine Production; Increasing Soil Fertility"
English_SST Daily Test 08	"English: Revision Test-1 SST: Civics, Ch3: Why do we need a Parliament?:- Why Should People Decide?, People and their Representatives, The Role of the Parliament, Who are the People in Parliament?"
MAT Daily Test 09	MAT: Series, Mathematical Operations, Dice, Analogy, Coding and Decoding
Mathematics Daily test 09	Math: UNDERSTANDING QUADRILATERALS: -Curves; Polygons.
Science Daily Test 09	"Physics: SOUND:- Production of Sound, Characteristics of Vibrations, Frequency, Amplitude, Time Period, Sound produced by Human Beings Chemistry: MATERIALS: METALS AND NON METALS :- Corrosion; Uses of Metals; Non-metals; Occurrence of Non-metals Biology: MICROORGANISMS: FRIEND & FOE:- Cleaning up Environment; Harmful Microorganisms; Communicable & Non-Communicable Diseases; Some Common Diseases caused by Microorganisms; Diseases caused by Bacteria; Tuberculosis; Cholera; Typhoid"
English_SST Daily Test 09	"English: Revision Test SST: History, Ch4: Tribals,Dikusand the Vision of a Golden Age:- How did Tribal Groups Live?, Some were Jhum Cultivators, Some were Hunters and Gatherers, Some Herded Animals, Some Took to Settled Cultivation, How did Colonial Rule Affect Tribal Lives?, What Happen to Tribal Chiefs?, What Happened to the Shifting Cultivators?, Forest Laws and their Impact, The Problem with Trade, The Search for Work, A Closer Look, Birsa Munda"
MAT Daily Test 10	MAT: Direction Sense test

Mathematics Daily test 10	UNDERSTANDING QUADRILATERALS: -Quadrilaterals ; Special types of Quadrilaterals
Science Daily Test 10	"Physics: SOUND:- Sound needs a Medium to Propagate, Hearing of Sound by Human Beings, Audible & Inaudible Sounds, Characteristics of Sound, Intensity, Pitch, Quality or Timbre Chemistry: MATERIALS: METALS AND NON METALS :- Physical Properties of Non-Metals ; Chemical Properties of Non-Metals; Reaction of Non-Metals with Oxygen; Reaction of Non-Metals with Water Biology: MICROORGANISMS: FRIEND & FOE:- Disease Caused by Viruses; Measles; Chicken Pox; Polio; Hepatitis B; Disease caused by Protozoa; Malaria"
English_SST Daily Test 10	"English: Revision Test SST: Civics, Ch4: Understanding Laws:- Do Laws Apply to All?, How do New Laws Come about ?, Unpopular and Controversial Laws"
MAT Daily Test 11	MAT: Ranking Test
Mathematics Daily test 11	UNDERSTANDING QUADRILATERALS: -Special types of Parallelograms ; Cyclic Quadrilaterals
Science Daily Test 11	"Physics: SOUND:- Noise & Music, Musical Instruments, Stringed Instruments, Wind Instruments, Percussion Instruments Chemistry: MATERIALS: METALS AND NON METALS :- Reaction of Non-Metals with Dilute Acids; Reaction of Non-Metals with Chlorine; Reaction of Non-Metals with Hydrogen; Reaction of Non-Metals with Bases Biology: MICROORGANISMS: FRIEND & FOE:- Disease causing Microorganisms in Animals; Anthrax; Foot & Mouth disease; Disease causing Microorganisms in Plants; Citrus Canker; Rust of Wheat; Yellow Vein Mosaic of Bhindi; Tobacco Mosaic; Food Poisoning"
English_SST Daily Test 11	"English: Revision Test SST: Geography, Ch3: Mineral and Power Resources:- Types of Minerals, Distribution of Minerals, Asia, Europe, North America, South America, Africa, Australia, Antarctica, Distribution in India, Uses of Minerals, Conservation of Minerals, Power Resources, Conventional Sources of Energy, Non-Conventional Sources of Energy"
MAT Daily Test 12	MAT: Direction Sense Test, Ranking Test
Mathematics Daily Test 12	PRACTICAL GEOMETRY: -Constructing Quadrilaterals when ; Four sides & One Diagonal are given; Three sides & Two Diagonals are given ; Two Adjacent sides & Three Angles are given; Three sides & Two included Angles are given

Science Daily Test 12	"Physics: SOUND:- Speed of Sound, Noise Pollution, Source, Harms, Measures to reduce it Chemistry: MATERIALS: METALS AND NON METALS :- Uses of Non-Metals ; Comparison between the Properties of Metals & Non-Metals Biology: MICROORGANISMS: FRIEND & FOE:- Food Preservation; Methods of Preservation; Chemical Method; Drying & Dehydration; Preservation by Salt; Preservation by Sugar; Preservation by Oil; Pasteurization; Refrigeration; Sterilization; Storage & Packing; Advantages of Preserving Food; Nitrogen Cycle; Contribution of Some Scientists in the Field of Microbiology"
English_SST Daily Test 12	"English: Revision Test SST: History, Ch5: When People Rebel ,:- Policies and the People, Nawabs Lose their Power, The Peasants and the Sepoys, Responses to Reforms, Through the Eyes of the People, A Mutiny Becomes a Popular Rebellion, From Meerut to Delhi, The Rebellion Spreads, The Company Fights Back, Aftermath"
MAT Daily Test 13	MAT: Puzzles
Mathematics Daily Test 13	PRACTICAL GEOMETRY: -Four sides & One included Angle are given; Special Cases; Parallelogram; Square; Rhombus; Rectangle; Kite
Science Daily Test 13	"Physics: CHEMICAL EFFECTS OF ELECTRIC CURRENT:- Conductors & Insulators, Conductivity of Water & Other Liquids Chemistry: (1) Synthetic fibres and plastics, (2) Materials :Metals and Non Metals Biology: CONSERVATION OF PLANTS & ANIMALS:- Introduction; Deforestation: Causes & Consequences; Natural Cause of Deforestation; Forest Fire; Drought; Man Made Causes; Consequences of Deforestation; Global Warming; Change in Water Cycle; Change in Properties of the Soil; Soil Erosion; Lowering of the Ground Water Level"
English_SST Daily Test 13	"English: Revision Test SST: History, Ch6: Colonialism and the City,:- What Happened to Cities Under Colonial Rule?, How Many "Delhis" Before New Delhi?, The Making of New Delhi, Demolishing a Past, Planning a New Capital, Life in the Time of Partition, Inside the Old City, The Decline of Havelis, The Municipality Begins to Plan"
MAT Daily Test 14	MAT: Water Image
Mathematics Daily Test 14	DATA HANDLING: -Statistics; Some Important Terms Related to Statistics ; Frequency Distribution Table (Ungrouped & Grouped Distribution)
Science Daily Test 14	"Physics: CHEMICAL EFFECTS OF ELECTRIC CURRENT:- Conductivity of Water & Other Liquids (contd...) Chemistry: (1) Synthetic fibres and plastics, (2) Materials :Metals and Non Metals Biology: CONSERVATION OF PLANTS & ANIMALS:- Increased Chances of Natural Calamities; Forest & Wild Life; Important Forest Products; Conservation of Wild Life; National Parks; Some National Parks in India; A Case Study – Satpura National Park"

English_SST Daily Test 14	"English: Clauses & Conjunctions:- Types of clauses; Conjunctions and their usage SST: Geography; Ch4: Agriculture:- Farm System; Types of Farming; Subsistence Farming; Commercial Farming; Major Crops; Agricultural Development; A Farm in India; A Farm in USA"
MAT Daily Test 15	MAT: Mirror Image
Mathematics Daily Test 15	DATA HANDLING: -Average or arithmetic Mean; Median & Mode
Science Daily Test 15	"Physics: CHEMICAL EFFECTS OF ELECTRIC CURRENT:- Chemical Effects of Electric Current (contd...), Electroplating Chemistry: (1) Synthetic fibres and plastics, (2) Materials :Metals and Non Metals Biology: CONSERVATION OF PLANTS & ANIMALS:- Wild Life Sanctuary; Some Wild Life Sanctuary; Difference between Zoo & Wild Life Sanctuary; Biosphere Reserve; Some Biosphere Reserves of India; Panchmarhi Biosphere Reserve; Difference among National Park, Wild Life Sanctuary & Biosphere Reserve"
English_SST Daily Test 15	"English: Non-finites:- Verb forms; Gerunds; Infinitives; Participles SST: History; Ch7: Weavers, Iron Smelters and Factory Owners:- Indian Textiles and the World Market; Indian Textiles in European Markets; Who were the Weavers?; The Decline of Indian Textiles; Cotton Mills Came up ; The Sword of Tipu Sultan and Wootz Steel; Abandoned Furnaces in Villages; Iron and Steel Factories Come up in India"
MAT Daily Test 16	MAT: Puzzles, Water & Mirror Image
Mathematics Daily Test 16	DATA HANDLING: -Pictograph; Bar Graph ; Histogram ; Pie Chart
Science Daily Test 16	"Physics: CHEMICAL EFFECTS OF ELECTRIC CURRENT:- Applications Chemistry: (1) Synthetic fibres and plastics, (2) Materials :Metals and Non Metals Biology: CONSERVATION OF PLANTS & ANIMALS:- Rare Species Classification by IUCN; Extinct Species; Critically Endangered Species; Endangered Species; Vulnerable Species; Forest & Wild Life Laws; Migration; Recycling of Paper; Reforestation"
English_SST Daily Test 16	"English: Prepositions , Idioms & Phrases:- Common prepositional errors; Confusable Pairs; Phrasal Verbs; Introduction to Idioms and Phrases; Types of Questions SST: Civics; Ch6: Understanding our Criminal Justice System:- What is the Role of Police in Investigating the Crime?; What is the Role of Public Prosecutor?; What is the Role of the Judge?; What is a Fair Trial?"
MAT Daily Test 17	MAT: Direction Test, Ranking Test, Coding and Decoding
Mathematics Daily Test 17	DATA HANDLING: -Introduction to Probability ; Some Basic Concepts Related to Probability; Playing Cards;

Science Daily Test 17	"Physics:1. Force and Pressure, 2. Friction, 3.Sound, 4. Chemical effect of electric current Chemistry: (1) Synthetic fibres and plastics, 2) Materials :Metals and Non Metals Biology: CELL: STRUCTURE & FUNCTIONS:- Introduction; Discovery of Cell; The Cell; Organisms Show Variation in Cell Number, Shape & Size; Number of Cell; Unicellular Organisms; Multicellular Organisms; Shape of the Cells; Size of the Cells"
English_SST Daily Test 17	"English: Reported Speech:- Direct and Indirect Speech; Rules of converting Direct to Indirect speech; Dialogue completion SST: History; Ch8: Civilizing the "Native", Educating the Nation:- How the British Saw Education; The Tradition of Orientalism; "Grave Errors of the East"; Education for Commerce; What Happened to the Local Schools?; The Report of William Adam; New Routines, New Rules; The Agenda for a National Education; "English Education has Enslaved Us"; Tagore's "Abode of Peace"
MAT Daily Test 18	MAT: Series, Direction Test, Water Images, Mirror Images, Dice
Mathematics Daily Test 18	SQUARES AND SQUARE ROOTS: -Square Numbers; Properties of a Square Number
Science Daily Test 18	"Physics: (1) Force and Pressure, (2) Sound, (3) Chemical effect of electric current Chemistry: (1) Synthetic fibres and plastics, 2) Materials :Metals and Non Metals Biology: CELL: STRUCTURE & FUNCTIONS:- Parts of the Cell; Plasma Membrane; Cytoplasm; Mitochondria (Structure & Function); Endoplasmic Reticulum (Types, Structure & Functions); Golgi Bodies (Structure & Functions)"
English_SST Daily Test 18	"English: Analogy & Odd One Out:- Introduction to types of Relationships; Types of Analogy Questions; Basics of odd one out SST: Civics; Ch7: Understanding Marginalisation:- What does it Mean to be Socially Marginalised?; Who are Adivasis?; Adivasis and Stereotyping; Adivasis and Development; Minorities and Marginalisation; Muslims And Marginalisation"
Mathematics Daily Test 19	SQUARES AND SQUARE ROOTS: -Square Roots; Methods of Determining Square Roots ; Square Roots of Decimal Numbers ; Square Roots of Fractions.
Science Daily Test 19	"Physics: (1) Force and Pressure, (2) Friction, (3) Sound Chemistry: (1) Synthetic fibres and plastics, (2) Materials :Metals and Non Metals Biology: CELL: STRUCTURE & FUNCTIONS:- Ribosomes (Types, Structure & Functions); Plastids (Types, Structure & Functions); Vacuoles (Types, Structure & Functions); Nucleus (Structure & Functions)"

English_SST Daily Test 19	"English: Vocabulary – Synonyms, Antonyms & Definition based Questions/ One Word Substitution:- Introduction to ways of Vocabulary Building; Roots, Prefixes and Suffixes; Methods of learning Synonyms and Antonyms; Contextual Vocabulary; Definition based Questions/ One Word Substitution SST: Geography; Ch5: Industries:- Classification of Industries; Raw Material; Size; Ownership; Factors Affecting Location of Industries; Industrial System; Industrial Regions; Distribution of Major Industries; Iron and Steel Industry; Jamshedpur; Pittsburgh; Cotton Textile Industry; Ahmadabad; Osaka; Information Industry(IT)"
Mathematics Daily Test 20	SQUARES AND SQUARE ROOTS: -Estimating a Square Root ; Some Problems based on Finding Perfect Squares
Science Daily Test 20	"Physics: (1) Friction, (2) Sound, (3) Chemical effect of electric current Chemistry: (1) Synthetic fibres and plastics, (2) Materials :Metals and Non Metals Biology: CELL: STRUCTURE & FUNCTIONS:- Prokaryotic & Eukaryotic Cells; Prokaryotic Cells (in detail); Eukaryotic Cells (in detail); Difference between Prokaryotic & Eukaryotic Cells"
English_SST Daily Test 20	"English: Voice Change:- Active/Passive voice; Sentence transformation SST: History; Ch9: Women, Caste and Reform:- Working Towards Change; Changes the Lives of Widows; Girls Begin Going to School; Women Write about Women; Caste and Social Reforms; Demand for Equality and Justice; Gulamgiri; Who Could Enter Temples?; The Non-Brahman Movement"
Mathematics Daily Test 21	CUBES AND CUBE ROOTS: -Introduction; Properties of Cubes; Concepts of Perfect Cubes ; Cubes of Negative Numbers; Cubes of Rational Numbers
Science Daily Test 21	"Physics: SOME NATURAL PHENOMENA:- Electric Charge; Charging by Rubbing; Types of Charges & their Interaction; Properties of Charge Chemistry: COAL AND PETROLEUM:- Introduction; Coal & Petroleum; Coal Biology: REPRODUCTION IN ANIMALS:- Modes of Reproduction, Asexual Reproduction, Fission, Budding"
English_SST Daily Test 21	"English: Editing:- Most common errors; Types of Questions; Spot the errors; Sentence improvement SST: Civics; Ch8: Confronting Marginalisation:- Invoking Fundamental Rights; Laws for the Marginalised; Promoting Social Justice ; Protecting the Rights of Adivasis and Dalits; The Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act, 1989; Adivasi Demands and the 1989 Act"
Mathematics Daily Test 22	CUBES AND CUBE ROOTS: -Cube Roots; Different Methods of Finding Cube Roots; Cube Roots of Negative Perfect Cubes
Science Daily Test 22	"Physics: SOME NATURAL PHENOMENA:- Electroscope; Lightning; How does Lightning take place?; Causes of Thunder Chemistry: COAL AND PETROLEUM:- Uses of Coal & its Products; Petroleum Biology: REPRODUCTION IN ANIMALS:- Sexual Reproduction, Sexual Reproduction in Humans, Human Male Reproductive System"

English_SST Daily Test 22	English: Omission:- Most common errors; Types of Questions SST: History; Ch10: The Changing World of the Visual Arts:- New Forms of Imperial Art; Looking for Picturesque; Portraits of Authority; Painting History; What Happened to the Court Artists?; The New Popular Indian Art; The Search for a National Art; The Art of Raja Ravi Verma; A Different Vision of National Art
Mathematics Daily Test 23	CUBES AND CUBE ROOTS: -Cube Roots of Product of Integers; Cube Roots of Rational Numbers
Science Daily Test 23	"Physics: SOME NATURAL PHENOMENA:- Harmful effects of Lightning; Useful effects of Lightning; Lightning Conductor Chemistry: COAL AND PETROLEUM:- Refining of Petroleum; Constituents of Petroleum & their uses Biology: REPRODUCTION IN ANIMALS:- Human Female Reproductive System, Process of Sexual Reproduction, Types of Fertilization"
English_SST Daily Test 23	English: Revision Test SST: Civics; Ch9: Public Facilities:- Water and the People of Chennai; Water as a Part of Fundamental Rights; Public Facilities; The Government's Role; Water Supply to Chennai: is it Available; In Search of Alternatives
Mathematics Daily Test 24	COMPARING QUANTITIES: -Ratios & Percentages ; Finding Increase or Decrease Percent ; Profit & Loss
Science Daily Test 24	"Physics: SOME NATURAL PHENOMENA:- The Inner Structure of the Earth; Earthquakes; Causes; Consequences Chemistry: COAL AND PETROLEUM:- Natural Gas; Conservation of Natural Resources Biology: REPRODUCTION IN ANIMALS:- Development, Development of Embryo in Humans"
English_SST Daily Test 24	English : Revision: Report Speech Geography; Ch6: Human Resources:- Distribution of Population; Density of Population; Factors Affecting, Distribution of Population; Population Change; Patterns of Population Change; Population Composition
Mathematics Daily Test 25	COMPARING QUANTITIES: -Discount; Sales Tax or Value Added Tax (VAT)
Science Daily Test 25	"Physics: SOME NATURAL PHENOMENA:- Protection against Earthquakes; Seismograph Chemistry: COMBUSTION & FLAME:- Redox Basics Biology: REPRODUCTION IN ANIMALS:- Development of Embryo in Birds, Viviparous & Oviparous Animals"
English_SST Daily Test 25	"English: Revision Test SST: History; Ch11: The Making of the National Movement-1870s -1947:- The Emergence of Nationalism; A Nation in the Making; "Freedom is our Birth Right"; The Growth of Mass Nationalism; The Advent of Mahatma Gandhi; The Rowlatt Satyagraha; Khilafat Agitation and the Non-Cooperation Movement; People's Initiatives; The People's Mahatma; The Happenings of 1922-1929; The March to Dandi; Quit India and Later; Towards Independence and Partition"
Mathematics Daily Test 26	COMPARING QUANTITIES: -Compound Interest

Science Daily Test 26	"Physics: LIGHT:- Light; Some Important Points; Rectilinear Propagation of Light; Properties of Light Chemistry: COMBUSTION & FLAME:- Combustion; Introduction; Types of Combustion Biology: REPRODUCTION IN ANIMALS:- Metamorphosis, Development of Embryo in Frogs, Development of Embryo in Silkmoth, Test Tube Baby"
English_SST Daily Test 26	"English: Revision Test SST: Civics; Ch10: Law and Social Justice:- What is a Worker's Worth?; Enforcement of Safety Laws; New Laws to Protect Environment"
Mathematics Daily Test 27	Math: ALGEBRAIC EXPRESSIONS & IDENTITIES:- Algebraic Expressions; Number Line & Expressions, Types of Algebraic Expressions ; Addition & Subtraction of Algebraic Expressions
Science Daily Test 27	"Physics: LIGHT:- Reflection of Light; Laws of Reflection; Characteristics of the Image; Real Image; Virtual Image Chemistry: COMBUSTION & FLAME:- Flame; Zones of a Candle Flame; Facts Related to Candle Flame Biology: REACHING THE AGE OF ADOLESCENCE:- Growth, Adolescence, Puberty, Changes at Puberty, Increase in Height, Change in Body Shape, Change in Voice, Increased Activity of Sweat & Sebaceous Gland, Development of Sex Organs"
English_SST Daily Test 27	English: Revision Test SST: History; Ch12: India After Independence:- A New and Divided Nation; A Constitution is Written; How were States to be Formed?; Planning for Development; The Nation, Sixty Years on
Mathematics Daily Test 28	Math: ALGEBRAIC EXPRESSIONS & IDENTITIES:- Multiplication of Polynomials, Concepts of Equations & Identities
Science Daily Test 28	"Physics: LIGHT:- Image formation by a Plane Mirror; Nature of Image formed by a Plane Mirror; Kinds of Reflection; Regular Reflection; Diffused or Irregular Reflection Chemistry: COMBUSTION & FLAME:- Fuels; Introduction & Types of Fuels; Essentials of Fuel; Calorific Value Biology: REACHING THE AGE OF ADOLESCENCE:- Emotional Maturity, Mental & Intellectual Development, Secondary Sexual Characters, Role of Hormones in Initiating Reproductive Functions, Reproductive Phase of Life in Humans"
Mathematics Daily Test 29	Math: VISUALIZING SOLID SHAPES:- Views of 3D Shapes; Mapping Space Around Us
Science Daily Test 29	"Physics: LIGHT:- Lateral Inversion; Reflected light can be reflected again; Periscope; Multiple Reflection; Kaleidoscope Chemistry: COMBUSTION & FLAME:- Characteristics of Good Fuel; Harmful Effects of Fuel Burning; Green House Effects & Global Warming Biology: REACHING THE AGE OF ADOLESCENCE:- How is Sex of the Baby Determined, Hormones other than Sex Hormones, Role of Hormones in Completing the Life History of Insects & Frogs"

Mathematics Daily Test 30	Math: VISUALIZING SOLID SHAPES:- Polyhedrons; Euler's Formula
Science Daily Test 30	"Physics: LIGHT:- Uses of plane mirrors; Sunlight – White or Coloured; Human Eye Chemistry: COMBUSTION & FLAME:- Effects of Global Warming; Acid Rain; Fire; Fire Safety at Homes Biology: REACHING THE AGE OF ADOLESCENCE:- Reproductive Health, Proper Understanding about the Reproductive Organs, Nutritional Needs of Adolescence, Personal Hygiene, Physical Exercise, Drugs & Youth, say "NO" to drugs"
Mathematics Daily Test 31	Math: MENSURATION:- Introduction; Area of Trapezium; Area of General Quadrilateral; Area of Rhombus ; Area of Polygon,
Science Daily Test 31	"Physics: LIGHT:- Defects of Vision; Care of Eyes & Role of Nutrition; Braille System Chemistry: COMBUSTION & FLAME:- Fire Extinguishers; First Aid to Burning Victims Biology: POLLUTION OF AIR AND WATER:- Air Pollution, Sources of Air Pollutants
Mathematics Daily Test 32	Math: MENSURATION:- Surface Area and Volume of a Cuboid & a Cube, Surface Area and Volume of a Right Circular Cylinder,
Science Daily Test 32	"Physics: STARS AND THE SOLAR SYSTEM:- Few Basic Terms; Stars; Galaxies; Spiral Galaxy; Elliptical Galaxy; Irregular Galaxy Chemistry: Revision Test Biology: POLLUTION OF AIR AND WATER:- Effects of Air Pollution, Green House Effect & Global Warming, Ozone Depletion"
Mathematics Daily Test 33	Math: EXPONENTS AND POWERS:- Different Types of Exponents; Decimal Number System, Laws of Exponents; Use of Exponents,
Science Daily Test 33	Physics: STARS AND THE SOLAR SYSTEM:- Constellations; Ursa Major (Great Bear); Ursa Minor; Orion; Scorpio; Cassiopeia; Leo Major Chemistry: Revision Test Biology: POLLUTION OF AIR AND WATER:- Control of Air Pollution, Water Pollution, Sources of Water Pollution, Ganga Action Plan
Mathematics Daily Test 34	Math: Direct and Inverse Proportion : Proportion; Types of Proportions (Direct, Inverse & Mixed Proportions)
Science Daily Test 34	"Physics: STARS AND THE SOLAR SYSTEM:- The Sun; Planets; Moon; Phases of Moon, The Solar System; Some other Members of the Solar System; Asteroids; Comets; Meteors, Meteorites; Meteor Showers; Artificial Satellites Chemistry: Revision Test Biology: POLLUTION OF AIR AND WATER:- Effects of Water Pollution, Control of Water Pollution, Portable Water & Purification of Water"

Mathematics Daily Test 35	Math: FACTORIZATION:- Factorization of Algebraic Expressions;Factorization of Quadratic Polynomials
Mathematics Daily Test 36	MATH : FACTORIZATION:- Division of Polynomials by Using Factorization;Can you find the Error?
Mathematics Daily Test 37	Math: INTRODUCTION TO GRAPHS:- Types of Graphs; Bar Graphs; Pie Charts; Histograms ; Line Graphs, Cartesian Plane; Plotting the Point on Cartesian Plane; Some Applications of Graph
Mathematics Daily Test 38	Math: PLAYING WITH NUMBERS:- Generalized Form of Numbers; Interchanging the Digits of a Number, Tests of Divisibility; Cryptarithms (Contd...), Cryptarithms



Summary for Class VIII

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Part Tests	2
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