

TARGET : CLASS 8

Test No.	Test Type	Test Date	Physics	Chemistry	Biology	Maths	English	SST	Mental Ability
1	Minor Test - 1	04/06/2023	Force and Pressure : (Force, forces are due to interaction, exploring forces, forces can change state of motion. It can move a stationary object, it can stop a moving object, it can increase or decrease the speed of a moving object, it can change the direction of a moving object, it can make an object to rotate), force can change the shape of an object, contact forces (normal force, friction, tension, normal force), non-contact forces (magnetic force, electrostatic force, gravitational force)	Synthetic Fibres and Plastics: Introduction, Definition of fibre, Types of fibres on the basis of sources - natural and synthetic, sources of natural fibres and synthetic fibres, Polymerization - condensation and addition, cellulose as a polymer, Properties and Uses of Rayon, Nylon, Strength of different fibres, Polyester, Acrylic, Advantages and disadvantages of synthetic fibres	Crop Production and Management: (Introduction to Irrigation)	Rational Numbers	Hours & Promons, Non-Finite forms of Verbs	How, When & Where, From Topic to Territory, Resources	Verbal Series, Non Verbal Series
2	Minor Test - 2	11/06/2023	Force and Pressure : (Pressure: formula and unit, pressure exerted by liquids and gases, pressure and depth, Atmospheric pressure) Friction : (Frictional force, its direction, spring balance, the cause of friction, types of friction)	Synthetic Fibres and Plastics: Plastics- Definition, Types of plastics- Thermoplastics, Thermosetting plastics, Plastics with linear arrangement, Plastics with cross linked arrangement, General properties and uses of plastics Plastics and the environment, Problems and solutions associated with plastic disposal	Crop production and management, Agricultural practices/advantages of irrigation to storage, Animal husbandry.	Squares and Square Roots, Cubes and Cube Roots	Subject - Verbs Agreement, Synonyms and Antonyms	Ruling the countryside, Understanding secularism, The Indian Constitution	Coding & Decoding, Dot Situation
3	Minor Test - 3	02/07/2023	Friction: (Factors on which friction depends, static friction, sliding friction, friction is necessary evil, necessity of friction in different cases, rolling friction, Friction and energy, fluid friction, reducing friction (ball bearings, air cushion, streamlining), increasing friction)	Metals and Non-metals: Introduction, Occurrence of Metals & Non- metals, Physical properties of metals & Non- metals, Physical state, Hardness, Malleability, Ductility, Conductivity (with exceptions), Sonorous	Microorganisms : Friends and foe/ Major groups of microorganisms, Microorganism as friends- Preparation of curd, bread and cheese Commercial use of microorganisms in industry	Exponents and powers, Linear equation in one variable	Tenses	Land, Soil, Water, Natural Vegetation and Wildlife Resources, Mineral and Power Resources, Understanding Laws	Number/Ranking & Time Sequence Test, Logical Sequence of Words, Mathematical Operation
4	Minor Test - 4	16/07/2023	Sound : (Introduction of sound, sound is produced by vibrating body, jet train, amplitude of vibrating particle, wave motion, Sound needs medium for propagation, factors on which speed of sound depends, echo location, sound produced by humans, frequency of vibrating body)	Metals and Non-metals: Chemical Properties Reaction of metals with Oxygen, Reaction of metals with water, Nature of Oxides, Reaction with Acids	Microorganisms : Friends and foe -Agricultural use of microorganisms, Nitrogen cycle, Medicinal use of microorganisms, Growing in the environment, Microorganisms-as foe Food preservation.	Understanding Quadrilaterals, Introduction to Graphs and Data Handling	Active and Passive Voice	Why do we need a Parliament, Tribals, Dilks & The Vision of the Golden Age	Direction Sense Test, Completion of Incomplete Pattern, Spotting out the Embedded Figure
5	Minor Test - 5	30/07/2023	Sound: (The human ear, time period of a vibrating particle, audible and inaudible sounds, Characteristics of audible sounds (pitch, loudness, quality), noise and music, noise pollution - sources of noise pollution, effects of noise pollution, measures to limit noise pollution, hearing impairment, hearing aid.)	Metals and Non-metals: Reaction of metals with bases, displacement reaction, Uses of metals & non-metals	Conservation of Plants and Animals	Playing with Numbers	Prepositions, Phrasal Verbs, Error-Spotting	Understanding Our Criminal Justice System, When People Rebel, Judiciary	Alphabet Test, Alpha-Numeric Sequence Puzzle, Mirror & Water Images
6	Advance Test - 1	06/08/2023	Force and Friction	Manmade Materials	Crop Production and Management, Microorganisms - (Introduction to Vaccine)	Number System, Squares and Square Roots, Cubes and Cube Roots, Exponents and powers, Linear equation in one variable	NA	NA	Verbal Series, Non Verbal Series, Coding & Decoding, Dot Situation, Number, Ranking & Time Sequence Test
7	Advance Test - 2	13/08/2023	Thrust and Pressure, Waves and Sound	Metals and Non-metals	Microorganisms: (Use in Agriculture to Food Preservation), Conservation of Plants and Animals	Quadrilaterals, Data Handling, Lines And Angles, Triangles	NA	NA	Direction Sense Test, Completion of Incomplete Pattern, Spotting out the Embedded Figure, Logical Sequence of Words, Alphabet Test, Alpha-Numeric Sequence Puzzle, Mirror & Water Images
8	Major Test - 1	20/08/2023	NA	NA	NA	Full syllabus of Set-1	NA	NA	NA
9	Major Test - 2	27/08/2023	NA	NA	NA	NA	NA	NA	NA
10	Major Test - 3	03/09/2023	NA	NA	NA	NA	NA	NA	NA
11	Major Test - 4	10/09/2023	NA	NA	NA	NA	NA	NA	NA
12	Minor Test - 1	17/09/2023	Chemical Effects of Electric Current (Introduction, Conductivity in solids, LED, Conductivity in Liquids, Deviated Experiment, Acids, Bases, Salt, Neutralisation Reaction, Electrolysis, Electrolysis of Copper Sulphate, Electrolysis of Water, Why potato conducts electricity, Potato battery indicator experiment, Electroplating), Some Natural Phenomena (Lightning Introduction, Frictional electricity.)	Coal and Petroleum: Introduction, Natural Resources, Fuels, Coal, Petroleum	Cell - Introduction Discovery of cell Variety in cell number, Cell size, Cell shape, Levels of organization Structure of Cell (1) Cell membrane (2) Cytoplasm	Algebraic Expressions, Identities and Factorization	The Sentence, Adverbs	Civilising the "Native", Educating the Nation	Logical Venn Diagram, Verbal & Non Verbal Analogy & Classification
13	Minor Test - 2	24/09/2023	Some Natural Phenomena (Modern theory of electric charges, Interaction between charges, Charging by induction, Transfer of charge, Leaf electroscope, Lightning Introduction, Why clouds get charged, Why air becomes a conductor during lightning, Lightning safety rules, Lightning conductor, Earthquake, Structure of Earth, How earthquake occurs - Stress, Strain, Faults & its types, Earthquake waves, Seismograph, Richter scale, Protection against earthquake)	Coal and Petroleum: Natural Gas, Conservation of Fossil Fuels Combustion and Flame: Introduction, Combustion, Conditions Required for Combustion, How do we control fire, Types of Combustion	Cell: Cell Organelles and their function- Mitochondria, Chloroplast, Endoplasmic reticulum, Golgi Bodies, Lysosomes, Ribosomes and Vacuoles, Nucleus Difference between Prokaryotes and Eukaryotes, Difference between Plant cell and Animal cell. Reproduction in Animals: Introduction, Modes of Reproduction	Direct and Inverse Proportions	Conjunctions, Best word vocabulary	Understanding Marginalisation, Confronting Marginalisation, Women, Caste and Reforms	Blood Relation, Paper Folding & Paper Cutting
14	Minor Test - 3	01/10/2023	Light (Sources of light, Objects-Luminous, Non luminous, Transparent, Translucent, Opaque, Absorption, Transmission, Reflection, Properties of light, Reflection of light, Basic terms related to reflection of light, Laws of reflection, Reflection from Plane mirrors - image formation, Lateral inversion, Types of reflection, Periscope, Multiple images - Kaleidoscope, Dispersion of white light.)	Combustion and Flame: Flame, What is Fuel, Fuel Efficiency, Harmful Effects of Burning Fuels	Reproduction in Animals - (A) Male Reproductive Organs (B) Female Reproductive Organs (C) External Fertilisation, Development of Embryo Internal Fertilisation in hens, Viviparous and Oviparous - Young ones to adult	Practical Geometry, Comparing Quantities	Reported Speech, Idioms & Phrases	Agriculture, Public Facilities, Law and Social Justice	Inserting the Missing character, Figure matrix
15	Minor Test - 4	15/10/2023	Light (Human Eye: Components, structure, Working of human eye, Principle of cinematography, Accommodation, Near point, Far point, Care of eyes, Eyes of animals, Visually challenged people & resources for them, Braille System, Cataract)	Pollution of Air and Water: Introduction, Types of Pollution, Acid Rain, Ozone Depletion, Green House Effect, Prevention of Air Pollution	Reproduction in Animals - Asexual Reproduction Types of Asexual Reproduction (A) Budding (B) Binary Fission (C) Other methods of Asexual Reproduction, Cloning, Reaching the Age of Adolescence Introduction Puberty, Changes At Puberty	Visualising Solid Shapes, Mensuration	Phrases & Clauses, Gap Filling	The Making of National Movement 1870 - 1947	Dice & Cube, Analytical Reasoning
16	Minor Test - 5	29/10/2023	Universe: (Sky - celestial objects, Moon-tidal locking, Orbital path of moon, Phases of moon, Moon's surface, Stars, Constellations, Ursa Major, Orion constellation, Constellations - Cassiopea, Ursa minor, Solar system, Planets & their descriptions, Asteroids, Comets, Meteors, Artificial satellites)	Pollution of Air and Water: Water Pollution, Potable Water, Tragedies of Pollution	Reaching the Age of Adolescence: Endocrine Gland-Pituitary gland, Thyroid gland and pancreas, role of hormones in initiating reproductive function, Reproductive phase of life in Humans, Reproductive Health, AIDS - Causes of AIDS, How to prevent AIDS/ Sex Determination	Mensuration	Determiners & Articles, Modals	Industries, Human Resources	Puzzle test - Figure Formation, Construction of Square & Grouping of Identical Figures
17	Advance Test - 1	12/11/2023	Electricity, Chemical Effects of Current	Fuels and It's Combustion	Cell	Algebraic Expressions, Identities and Factorization, Visualising Solid Shapes, Mensuration, Ratio and Proportion, percentage, Profit, Loss and Discount	NA	NA	Mathematical Operation, Logical Venn Diagram, Verbal Analogy & Classification, Non Verbal Analogy & Classification, Blood Relation, Paper Folding & Paper Cutting
18	Advance Test - 2	26/11/2023	Light, Universe	Pollution of Water and Air, General Chemistry	Adolescence and Reproduction	Partnership, Mixture and Alligation, Simple and Compound Interest, Time, Speed and Distance, Unitary Method, Time and Work, Pipe and Cisterns, Problem On Ages and Numbers	NA	NA	Inserting the Missing Character, Dice & Cube, Analytical Reasoning, Puzzle Test, Figure Formation, Construction of Square & Grouping of Identical Figures
19	Major Test - 1	03/12/2023	NA	NA	NA	Full syllabus of Set-2	NA	NA	NA
20	Major Test - 2	10/12/2023	NA	NA	NA	NA	NA	NA	NA
21	Major Test - 3	17/12/2023	NA	NA	NA	NA	NA	NA	NA
22	Major Test - 4	24/12/2023	NA	NA	NA	NA	NA	NA	NA

NOTE:
1. MINOR TEST & ADVANCE TEST WILL BE BASED ON OBJECTIVE PATTERN. MAJOR TEST WILL BE BASED ON SUBJECTIVE PATTERN.
2. SELF EVALUATION TEST PAPERS WILL BE AVAILABLE IN DOWNLOADABLE & PRINTABLE FORMAT ON DSAT.ALLEN.AC.IN
3. ADVANCE TEST WILL BE BASED ON OLYMPIAD PATTERN.