

Minor Test No.	Test Type	Test Date	TARGET : CLASS 7						
			Physics	Chemistry	Biology	Maths	English	SST	Mental Ability
1	Minor test 1 (OMR based)	11-Jun-17	Heat : Temperature, temperature and heat, unit of temperature, thermometer, thermal equilibrium, heat, unit of heat(joules and calorie and their inter - conversions), temperature and motion of particles of matter, Temperature scales	Fibre to fabrics-Types of fibres-natural and synthetic ,Natural fibre -wool, properties of wool	Nutrition in plants:Photosynthesis, Role of leaf in photosynthesis,Replenishing nutrients in the soil. Synthesis of food other than carbohydrates.	Integers : Properties of addition of Integers, Properties of Subtraction of integers, Multiplication of Integers, Properties of Multiplication of Integers, Division of Integers, Properties of division of integers	Nouns, Synonyms and Antonyms	Tracing Changes through a Thousand Years- Periodisation of History,The Medieval Period,1.3 Terms used for Indian Subcontinent ,Features of Medieval Period, Major Historical Trends, Historical Sources of Medieval Period Music, Equality- Other Kinds of Equality, Recognising Dignity, Issues of Equality in other democracies, Challenge of Democracy	Verbal Series
2	Minor test 2 (OMR based)	25-Jun-17	Heat : Temperature scales (Fahrenheit scale, Celsius scale, Kelvin scale), absolute zero, relation between different temperature scales. measurement of temperatures, thermometers, liquid- in- glass thermometer, selection of thermometric liquid, the laboratory thermometer, The clinical thermometer, features of clinical thermometer, precautions to be observed while reading a clinical thermometer,maximum and minimum thermometer	Fibre to fabrics-some special wool (camels, cashmere goat, angora goat, angora rabbit),rearing and breeding of sheep, processing of fleece in to woollen fabrics, Uses of wool,Smell of burning fibre	Nutrition in plants:Other modes of nutrition in plants.	Fractions : Fractions, Types of fractions, Addition , Subtraction of fractions, Multiplication ,Reciprocal of fractions, Division of fractions, Word Problems based on fractions	Pronouns, Letter Writing (Formal)	New Kings and Kingdoms -Political Developments,Tripartite Struggle, The Chahamanas or Chauhans,Turkish invasion, Kingdoms of the South, The Pallavas of Kanchi, The Cholas of Thanjavur, Architecture of South India, Literature under Cholas, Agrarian expansion in Tamil Nadu,Chola inscriptions Different Environment at different places, Mutual independence, Our Environment-Major spheres of the Environment, Why is Earth considered a unique planet,Protection and Preservation of the Environment	Direction Sense Test, Dot Situation, Non - Verbal Series
3	Minor test 3 (OMR based)	9-Jul-17	Heat : sources of heat, transfer of heat (conduction, heat conductors , heat insulators, convection - natural convection - land and sea breeze, forced convection, radiation), heat conductors and heat insulators	Natural fibre -silk-silk production,life cycle of silk moth ,health hazards in wool production and sericulture,Uses of silk	Nutrition in animals: Holozoic nutrition, Nutrition in amoeba,Digestive system in human. Alimentary canal(up to salivary glands).	Decimals : Decimal fractions, Whole number and decimal part of decimal, Like and Unlike decimals, Operation on decimals (Addition and Subtraction of decimal numbers), Multiplication and division of decimal numbers , Conversion of Units, Word problems based on decimals	Adjectives	The Delhi Sultans- Historical Sources, Slave Dynasty, The Khalji Sultans, The Tughlaq Dynasty, Invasion of Tamariane, The Sayyid Dynasty, Lodi Dynasty, Administration under Delhi Sultanate,End of Delhi Sultanate, The Mongols, Causes of Downfall of Delhi Sultanate, Ibn Batuta's observations Inside our Earth- Earth's Internal Structure, Rocks and Minerals, Minerals	Alphabet Test, Alpha-Numeric Sequence Puzzle

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4	Minor test 4 (OMR based)	23-Jul-17	Wind, Storm and Cyclones : Air pressure, unit of pressure, altitude and density of air, altitude and pressure, changing temperature of air at constant volume, changing density of air at constant volume, changing temperature of air at constant pressure, (effect on volume and density of air)	Acids ,bases and salts -classification of acids (on the basis of source,concentration, and basicity), Physical and some chemical properties of acids, soda fire extinguisher	Nutrition in animals: Alimentary canal(oesophagus to anus). Digestive system in ruminants.	Data Handling : Data, Some basic definitions, Tabulation or presentation of data, Arithmetic Mean, Median ,Mode, Statical Graph, Equally likely, more likely and unlikely outcomes, Some terms related to probability	Verbs and Tenses, Letter Writing (Informal)	Our Changing Earth- Plate Movement,Volcanoes, Earthquakes,Effects of Earthquakes, Case Study Landforms of the Earth,Gradation of the Earth, Degradation and Aggradation,Weathering and Erosion, Landforms made by rivers, Landforms made by glaciers, Landforms made by winds, Landforms made by waves The State Government Role of Government in Health- What is Health? Healthcare in India, Types of Healthcare facilities,Healthcare and Equality, What can be done?	Coding-Decoding, Spotting Out The Embedded Figure
5	Minor test 5 (OMR based)	6-Aug-17	Wind ,Storm and Cyclones : Effect of humidity on air pressure, barometer, wind speed and air pressure wind, global winds (uneven heating between the equator and the poles, trade winds, westerlies, easterlies,	Acids ,bases and salts -uses of acids ,acid rain,properties of bases, uses of bases , cleaning of tarnished metal	Weather,Climate and adaptations :Weather,Climate,Climate and adaptations complete	Simple Equation : Equations, Balancing an equation	Modals, One Word for Many	The Mughal Empire- Babur, Humanyun,The Suri Sultanate, Akbar ,Jehangir, Shah Jahan, Aurangzeb, Last days of the Empire, Rise of East India Company, The Export trade, The Mughal court, Akbar Nama and Ain-i- Akbari,	Inserting The Missing Character,Mirror Image
6	Minor test 6 (OMR based)	20-Aug-17	Wind ,Storm and Cyclones : Local winds, land breeze, sea breeze, winds and local weather, monsoon wind, monsoon of indian sub continent, severe weather, thunderstrom. cyclone, mechanism of tropical cyclone formation (Formative stage, mature stage, dissipation stage), dfestruction caused by cyclone, tornadoes, severe weather safety for thundrstorms, cyclones and tornadoes. Anemometer.	Acids ,bases and salts -pH scale and indicators (universal , natural laborator indicators),significance of pH to physicians and farmers	Soil:soil formation,soil profile,Composition of soil,soil types	Lines and Angles : Angles,Types of angles, Pair of Angles(adjacent angles,Linear pair), Pair of Angles(vertically opp. Angles,complementary angles), Sum of the angles round a point, Parallel lines, Properties of parallel lines and cut by a transversal	Articles, Determiners	Rulers and Buildings -Importance of Monuments as a source of history,Architecture between 800 A.D-1200 A.D,Monumental Architecture under the Sultans of Delhi, Monumental Architecture under the Sultans of Delhi,The Mughal Architecture, The Regional Architecture The State Government : How State Government Works -Sharingof powers, The State Legislature,The Vidhan Sabha, State Legislative Councils,Passage of ordinary bills by state legislature, Passage of Money Bill, Comparison of Legislative Assembly and Legislative Council, Administration of the State	Water Image, Number, Ranking & Time Sequence Test

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7	Minor test 7 (OMR based)	3-Sep-17	Motion and Time : Position and reference point, Reference direction, rest, motion, uniform and non uniform motion, distance and displacement	Acids ,bases and salts-Neutralisation in every day life - indigestion, soil treatment,factory wastes , sting of ants and bees, preserving milk for a short while,Salts- classification of salts (acidic , basic)	Soil-Properties of soil.	Triangles : Triangle, Classification of Triangles, Median of a Triangle ,Altitude of a Triangle ,Angle Bisector of a triangle, Angle sum Property of a Triangle, Exterior angles of a triangle, Pythagoras theorem for right angled triangles, Pythagoras theorem for right angled triangles, Triangle inequality property , Triangle inequality property	Active and Passive Voice	Towns, Traders and Craftsperson -Growth of trade and rise of cities, Sources of History for this period, Trading Communities, Masulipatnam, Surat, Hampi, Traveller's account of the Emperor of Vijaynagar	Verbal Analogy,Non-Verbal Analogy
8	Minor test 8 (OMR based)	17-Sep-17	Motion and time : Speed , velocity, measurement of time, Greenwich mean time (GMT) , Simple pendulum , Graphical representation of motion (Distance / displacement time graph when a body is at rest and when the body is in uniform motion)	Acids ,bases and salts -classification of acids (on the basis of source,concentration, and basicity), properties of acids,uses of acids ,acid rain,properties of bases, uses of bases , cleaning of tarnished metal,pH scale and indicators (universal , natural laborator indicators),significance of pH to physicians and farmers ,Neutralisation in every day life - indigestion, soil treatment,factory wastes , sting of ants and bees, preserving milk for a short while,Salts- classification of salts (acidic , basic) ,Uses of some important salts-sodium chloride, sodium carbonate, sodium bicarbonate, baking soda	Soil:Complete	Congruence of Triangles : Congruent figures, Congruence of triangles Case 1: SSS congruence criterion Case 2: SAS congruence criterion Case 3: ASA congruence criterion Case 4: RHS congruence criterion Case 5: AAS congruence criterion	Punctuations	Air-Components of Atmosphere, Structure of Atmosphere, Troposphere, Stratosphere, Mesosphere, 13.6 Thermosphere, Exosphere, Significance of the atmosphere, Water -Weather and Climate, Cyclones, Moisture, Water Cycle, Fresh Water, Need of water Conservation or Water harvesting, Saline Water, Major Water Bodies, Importance of Oceans, Movement of Ocean Water, Waves, Case Study, Tides, Ocean Currents	Verbal Classification, Non-Verbal Classification, Logical Sequence Of Words
9	Minor test 9 (OMR based)	1-Oct-17	Electricity & its Effects (Static electricity & its sources, Electric charge, Conductors, Insulators, Electric current)	Physical and chemical changes - Introduction of physical and chemical changes , Reversible and irreversible changes,characteristics of physical and chemical changes	Respiration in organisms- Introduction, Respiration, Process of Respiration, Types of cellular respiration,,Anaerobic respiration in muscle cells , Breathing organs in animals	Comparing Quantities (Ratio, Proportion, Percent, Profit and Loss, Profit and Loss Percent)	Subject - Verb Agreement	Social Change-Mobile and Settled Communities: Introduction,Variations in social structure,Caste structure, Tribal people,The Tribal Society, Nomads,Banjaras, Case Study- a. Gonds, b. Ahoms, Undersanding Media: Introduction, Print Media, Electronic Media, The role of political parties in the formation of public opinion.	Logical Venn Diagram

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10	Minor test 10 (OMR based)	15-Oct-17	Electricity & its Effects (Electric circuit, Symbols of electrical components, Cell & its types, Battery, Colour coding of wire, Short circuit, Earthing, Domestic electric circuit, Heating effect of current, Fuse & MCB,	Physical and chemical changes - Chemical reaction + equation ,balancing Types of chemical reaction-combination , decomposition , single displacement	Respiration in organisms - Human respiratory system, Mechanism of breathing, Gaseous exchange in plants,Transportation in Plants and Animal-Introduction, Transportation in animals , Circulatory system , a) Blood,b)Blood vessels,c) Heart, Blood circulation	Comparing Quantities (Simple Interest) Rational Numbers (complete)	Direct & Indirect Speech	Understanding Media: Government and Information,Right to Information,Advertising- 1. Commercial Advertising, 2. Increased purchasing power, 3. Benefits to Producers and Businessmen, 4. Benefits to Consumers, Social Advertising, 6. Basic rules and code of conduct for advertising, 7. Negative effects of advertising Popular beliefs and religious debates: Introduction , Bhakti Movement, Famous Bhakti Saints- Shankaracharya, Ramanuja, Saints of Maharashtra, Ravidas, Shankardeva, Madhavacharya, Nathpanthis, Yogis and Siddhas, A Closer Look, Saint Kabir and his teachings, Teachings of Kabir, Guru Nanak, Teachings of Guru Nanak, New Religious Developments in North India, Sant Ramananda, Caitanya, Tulsidas, Mirabai, Sufism, Moniuddin Chisti, Baba Farid, Nizamuddin Auliya and Samil Chishti, Common teachings of sufi saints, Unpacking Gender: Introduction- What is stereotyping, Discrimination at home, The invisibilisation of women's labour, Discrimination about education Discrimination in jobs, Factors responsible for gender inequality, indicators of gender inequality, Women's upliftment: Provisions of the constitution, The laws meant for the welfare of women, Struggles for Equality: Introduction, Tawa Matsya Sangh, The Indian Constitution as a Living Document	Blood Relation, Mathematical Operation, Completion of Incomplete Pattern
11	Minor test 11 (OMR based)	29-Oct-17	Electricity & its Effects (Magnetic effects of current, Electromagnet, Electric bell, Hazards of electricity, Conserve Electricity)	Physical and chemical changes- Types of chemical reaction-combination , decomposition , single displacement and double displacement reaction, Rusting, crystallisation	Transportation in plants and animals - Heart beat and pulse , Transportation of substances in plants, Transport of water and minerals, Translocation of food, Transpiration Excretion in animals Excretory system in humans Reproduction in plants - Introduction , Why living organisms need to reproduce ? Modes of reproduction , Asexual reproduction in plants	Practical Geometry (Complete), Perimeter and Area (Some terms related to Mensuration, Triangles)	Conjunctions	Elements of Weather and Climate: Introduction, Atmospheric Temperature, Global distribution of temperature, Factors controlling temperature, Measurement of temperature, Atmospheric Pressure, Factors affecting atmospheric pressure, Winds, Type of Winds Natural Vegetation and Wildlife: Introduction, Forests, Tropical evergreen forests, Selvas and Equatorial Forests, Tropical Deciduous Forests, Temperate Evergreen Forests, Temperate Deciduous Forests, Mediterranean Forests, Coniferous/Taiga, Grasslands, Temperate Grasslands, Desert Vegetation, Cold Desert/ Tundra Vegetation, Wildlife in India, Preserving Wildlife	Blood Relation , Figure Matrix , Grouping of Identical Figures , Figure Formation, Construction of Squares , Paper Folding & Paper Cutting
12	Minor test 12 (OMR based)	12-Nov-17	Light (Objects - Luminous, Non-luminous, Opaque, Transparent, Translucent, Basic terms - Ray of light, Beam of light & its types, Properties of light, rectilinear propagation of light	Water : A precious resources- Introduction, , Forms of water, water cycle , sources of water- ground water, surface water, Depletion of water table- water crisis and rain fall, scarcity of water , water needed for agriculture	Reproduction in plants Fragmentation , Spore formation, Vegetative propagation , Artificial methods of vegetative propagation, Sexual reproduction , Sexual reproduction in plants , Pollination, Fertilization , Formation of fruits and seeds , Functions of fruits, Dispersal of seeds and fruits	Perimeter and Area (Complete), Symmetry (Transformation, Line Symmetry)	Adverbs	Human Environment: Settlement: Introduction, Settlement, Types of Rural Settlement- 1. Dispersed Settlements, 2. Compact Settlements, 3. Linear Pattern, 4. Circular Pattern, 5. Radial Pattern, 24.4 Problems of rural settlement, Urban Settlements, Problems of Urban Settlements, Rural-urban relationship. Markets around Us: Introduction, Why do we need a market?, Itinerant Retailers-a- Hawkers or Street Vendors, b. Fixed Shop Retailers, Large Scale Retailers, Wholesale Markets A Shirt in the Market: A Cotton Farmer in Kurnool, The Cloth Market of Erode, Putting Out System-Weavers producing at Home, A Weaver's Cooperative, How the Government helps ?, The Garment Export near Delhi, Rules for foreign buyers, Problems faced by the workers, A Shirt in the United States, Who are gainers in the market ?, Market and Equality	Figure Matrix , Grouping Of Identical Figures & Figure Formation, Construction of Square, Paper Folding & Paper Cutting, Analytical Reasoning

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13	Minor test 13 (OMR based)	26-Nov-17	Light (Reflection of light, Laws of reflection & related terms, Regular & diffused reflection, Image formation by plane mirror, Lateral inversion)	Water : A precious resources- Distribution of water- pattern of rainfall,loss of water,overuses,pollution,deforestation and neglect,Water conservation,Effect of water scarcity on plants	Forest : Our Lifeline- Introduction ,Forest profile, Uses of forests, Useful plants and plant products, Interdependence of plants and animals upto balance in nature	Symmetry (Complete), Visualising Solid Shapes (complete)	Phrases & Clauses	Human Environment: Transport and Communication: Transport-a. Roadways, b. Railways, c. Waterways, d. Airways, Communication, The Internet The Flowering of Regional Cultures: Introduction, Early Medieval Period,Sultanate Period, Mughal Period, A Closer Look-Bengal	Sitting Arrangement
14	Minor test 14 (OMR based)	10-Dec-17	Light (Spherical mirrors - its types & related terms, Rules to obtain images, Image formation by concave and convex mirror, Uses of mirror, Lenses & related terms, Rules to obtain images)	Waste water story- Introduction, clean water , sewage,The sewer system,Waste water treatment plant,Alternatives to sewerage system what should be done to maintain sanitation and avoid water pollution	Forest : Our Lifeline-Dependence of animals on plants , If forests disappears, Conservation of forests, Revision Respiration in organisms (Complete)	Algebraic Expressions (Complete), Exponents and Powers (Exponent form of a number)	Preposition	New Political Formation in the 18th Century: Introduction, Causes of decline of the Mughal Empire, Emergence of New States, The Old Mughal Provinces,The Watan Jagirs of the Rajputs,Seizing Independence,Marathas-A Case Study Life in Desert Regions-Sahara and Ladakh: Introduction, The Sahara Desert,Ladakh Life in Tropical and Subtropical Regions(Till Amazon Basin): Introduction,Amazon Basin	Sitting Arrangement , Cube
15	Minor test 15 (OMR based)	24-Dec-17	Light (Lenses : Image formation by concave and convex lenses , Dispersion of white light, Newton's colour disc)	Some important topics: Types of Chemical reactions, Balancing, rusting, crystallization, Underground water,Water conservation, Waste water treatment plant	Transportation in plant and animals ((complete)	Exponents and Powers (complete), Comparing Quantities (complete)	Idioms and Phrases, Error Spotting, Best Word Vocabulary	Life in Tropical and Subtropical Regions(From Ganga Brahmaputra Basin): Ganga Brahmaputra Basin Life in Temperate Regions: Introduction, Prairies, Velds	Dice

Minor Test No.	Test Type	Test Date	Subject	Syllabus (CLASS - 7)
1	Major Test No.1 (Subjective)	07/01/2018	MATHS	20% From Syllabus of Minor Test 1, 2, 3, 4 And 90% From Syllabus of Minor Test 9 to 15
2	Major Test No.2 (Subjective)	14/01/2018	SCIENCE	20% From Syllabus of Minor Test 1, 2, 3, 4 And 90% From Syllabus of Minor Test 9 to 15
3	Major Test No.3 (Subjective)	21/01/2018	ENGLISH	20% From Syllabus of Minor Test 1, 2, 3, 4 And 90% From Syllabus of Minor Test 9 to 15
4	Major Test No.4 (Subjective)	28/01/2018	SST	20% From Syllabus of Minor Test 1, 2, 3, 4 And 90% From Syllabus of Minor Test 9 to 15
5	Major Test No.5 (Subjective)	04/02/2018	MATHS	20% From Syllabus of Minor Test 5, 6, 7, 8 And 90% From Syllabus of Minor Test 9 to 15
6	Major Test No.6 (Subjective)	11/02/2018	SCIENCE	20% From Syllabus of Minor Test 5, 6, 7, 8 And 90% From Syllabus of Minor Test 9 to 15
7	Major Test No.7 (Subjective)	18/02/2018	ENGLISH	20% From Syllabus of Minor Test 5, 6, 7, 8 And 90% From Syllabus of Minor Test 9 to 15
8	Major Test No.8 (Subjective)	25/02/2018	SST	20% From Syllabus of Minor Test 5, 6, 7, 8 And 90% From Syllabus of Minor Test 9 to 15