

**TARGET : SA-2 (CLASS 9)**

Minor Test No.	Test Type	Test Date	Physics	Chemistry	Biology	Maths	English	SST	Mental Ability
1	Minor test 1 (FA type, OMR based)	13-Nov-16	Thrust and Pressure (Thrust, Pressure, Pressure in a fluid-Pascal's law, hydraulic lift, Density, Relative density)	Atoms and molecules - Introduction , laws of chemical combination , law of conservation of mass , law of definite proportions, Dalton's atomic theory - postulates and drawbacks	Diversity in Living Organisms - Introduction, Classification,- Classification and evolution, Binomial nomenclature, Kingdom systems, Characteristic of five Kingdoms, Kingdom - monera, Kingdom -Protista, Kingdom -Fungi ,Kingdom -Plantae, Kingdom - Animalia	Linear Equations in two variables (Complete) Quadrilaterals (Quadrilateral, Constituents of a Quadrilateral, Quadrilateral in practical life, Some related terms to Quadrilateral, Types of Quadrilateral)	The Man Who Knew Too Much, Integrated Grammar Exercises (Editing)	Forest, Society and Colonialism: Advantages of forests,Why deforestation ? - a. Land to be improved, b. Sleepers on Tracks, c. Plantations, The rise of commercial forestry-a. Deiric Brandis, b. Scientific Forestry, c. Forest Act. d. How were thelves of people affected ? , e. How did forest rules affect cultivation ? , f. Who could hunt ?,Effects of the new forest laws on Nomadic and Pastoralist Communities-a. New trades, new employments and new services, b. Impact of various forest laws on the colonial people, Rebellion in the forest-a. The people of Bastar, b. The fears of the people, Forest transformation in Java-a. The woodcutters of Java, b. Dutch Scientific Forestry, c. Samin's Challenge, War and Deforestation, New developments in Forestry.	Logical Venn diagram, Dot Situation
2	Minor test 2 (FA type, OMR based)	27-Nov-16	Thrust and Pressure (Buoyancy, Its cause, Archimedes' principle & its applications, Apparent weight, Sinking & floating, Floatation of metal ships, Finding relative density of a solid using Archimedes' principle, Melting of ice floating on water); Work & Energy (Work)	Atoms and molecules - Atom , atomic symbols , Atomic masses , How do atoms exit ? -elements of compounds and molecules of compounds,What is an ion , valency of some cations and anions, writing chemica formula	Diversity in Living Organisms - (Kingdom Plantae to Phylum Platyhelminthes) - Kingdom Plantae, Classification of Plants Thalophyta, Bryophyta, Pteridophyta, Gymnosperm, Angiosperm, Kingdom animalia, Phylum Porifera, Phylum Cnidaria or Coelenterata, Phylum Platyhelminthes (Flatworms)	Quadrilaterals ( Angle sum Property of a Quadrilateral, Properties of parallelogram, Mid point theorem, Converse of mid point theorem) Area of Parallelograms and triangles (Figures on the same base and between the same parallel, Theorems related to area of Parallelograms)	Keeping it From Harold, Integrated Grammar Exercises (Gap Filling)	Peasants and Farmers: Introduction,The coming of modern agriculture in England, The time of open fields and commons,Enclosures and Enclosure Movements-Causes,The Age of Enclosures, What happened to the poor, The introduction of threshing machines,Impact of modern agriculture on England-a. Bread Basket and Dust Bowl(USA), b. The westward move and wheat cultivation, The coming of new technology, In 1931- Cyrus McCormick invented the first mechanical reaper, Wha happened to the poor, Dust Bowl,The indian farmer and opium production, A taste for tea: The Trade with China,Where did the opium come from, Unwilling cultivators were made to produce Opium. Electoral Politics: Why elections?, Why do we need Elections?, What are Elections?, What makes an election democratic ?,Political competition-a. Advantages, b. Disadvantages, System of Elections in India-a. Electoral constituencies, b. Reserved Cnstituencies, c. Voter's List, d. Nomination of candidates, Educational Qualifications for the Candidates, Election Campaigns, Techniques and methods adopted in Election Campaigns, Are the Elections expensive?, What makes Indian Elections democratic?, Challenges to the free & fair elections	Blood Relation ,Logical Sequence of Words , Figure Matrix , Figure Formation & Grouping of Identical Figure
3	Minor test 3 (FA type, OMR based)	11-Dec-16	Work & Energy (Work, Positive & negative work, Work done against gravity, Energy, Kinetic energy, Work-energy theorem)	Atoms and molecules -writing chemica formula, molecular mass and formula unit mass,Mole concept	Diversity in living organisms- Kingdom Animalia - complete ( phylum nematoda to kingdom Animalia, class mammalia)	Area of Parallelograms and triangles (Complete) Construction (complete)	The Man who Knew Too Much, Keeping it from Harold, The Seven Ages, Integrated Grammar Exercises (Editing, Gap-Filling, Jumbled Words)	Working of Institutions: How is the major policy decision taken?,-a. A Government Order, b. Who are the decision makers, Need for the political Institutions, The Parmianent-a. The role of the Parliament, b. Why do we need a Parliament ? , Two Houses of the Parliament ,a- Lok Sabha, b. Rajya Sabha, Lok sabha exercises supreme power, Political executives, Who is more powerful?,a. Prime Minister and Council of Ministers, b. Council of Ministers, c. Power of PM, d. Coalition Government, President of India, The judiciary-a. The Supreme Court controls the judicial administration in the country, b. Appointments Poverty as a Challenge: Introduction, Two typical cases of poverty-a. Urban Cases, b. Rural cases, ,Assessment of the two cases of poverty,Poverty as seen by social scientists-a. Social Exclusion, b. Vulnerability, Poverty Line, Poverty Estimates, Vulnerable groups, Inter-State disparities,Global poverty scenario, Causes of poverty, Anti-poverty measures,Anti-poverty alleviation program, The challenges ahead	Blood Relation , Sitting Arrangement , Completion of Incomplete Pattern
4	Minor test 4 (FA type, OMR based)	26-Dec-16	Work and Energy ( Potential energy-gravitational & elastic, Law of conservation of energy, Power, Commercial unit of energy, Kinetic energy-momentum relationship); )	Structure of atom- Introduction , discovery of electrons , properties of cathode rays , determination of charge and mass on electron	Why do we fall ill ?- Introduction, Basic conditions for Good health, Diseases-Symptoms, Signs,Types of diseases - on the basis of duration, Disease and its cause , Types of Diseases ,Infectious diseases,Table - Means of spread of infectious diseases	Surface Areas and Volumes (Complete)	Best Seller, Integrated Grammar Exercise (Reported Speech)	Climate: Weather & Climate, Climate of India,Climate Controls, Factors affecting the Climate of India,The Indian Monsoon, The onset of Monsoon & withdrawal,The Seasons,Distribution of rainfall, Monsoon as a unifying bond, Natural Vegetation and Wildlife(till Types of vegetation): Introduction,Relief-a. Land, b. Soil, Climate-a. Temperature, b. Photoperiod, c. Precipitation, Why Forest are important for human being?, Ecosystem,Types of Vegetation	Sitting Arrangement , Completion of Incomplete Pattern , Arithmetical Reasoning

5	Minor test 5 (FA type, OMR based)	15-Jan-16	Sound (Wave motion, Mechanical & non-mechanical waves, Amplitude & equilibrium position, Transverse & longitudinal waves, Wavelength, time period, frequency, wave speed, Propagation of sound )	Structure of Atom - discovery of protons,Thomson model of an atom, Rutherford model of an atom ,	Why we do fall ill? (Complete)	Statistics(complete)	Best Seller, Oh, I wish I'd Looked after Me Teeth, Integrated Grammar Exercise (Reported Speech, News Headlines)	Natural Vegetation and Wildlife(From Wildlife): Wildlife,Conservation Measures History and Sport and Story of Cricket: Introduction,The importance of cricket in the modern times, Invention of cricket & its spread,The historical development of cricket-a. The peculiarities ofTest Cricket, b. There were certain features of this game that made it different than other games,Laws of Cricket,Marylebone Cricket Club, Cricket's connection with rural past, Important changes that occurred in the game of cricket during the 19th century, Cricket and Victorian England,The rich were armatures for two reasons, Cricket a batsman's game, The spread of Cricket-a. Cricket, race and religion, b. Plawankar Baloo, c. Mahatma Gandhi's views on cricket, The modern transformation-a. The name of ICC was changed from the Imperial Cricket Conference to the International Cricket Conference, b. The impact of decolonisation on Cricket, Commerce,media and cricket today-a. Contribution of Kerry Packer in the development of Cricket, b. Impact of media on cricket,c. Th centre of gravity in cricket has shifted away from the old	Arithemetical Reasoning ,Mathematical Operation,Spotting Out the Embedded Figure
6	Minor test 6 (FA type, OMR based)	29-Jan-16	Sound ( Factors affecting speed of sound, Graphs of transverse & longitudinal waves, Audible & inaudible sounds, Infrasonic & ultrasonic sounds, Characteristics of audible sounds-pitch, loudness, quality, Tone & note, Subsonic & supersonic speed, Sonic boom )	Structure of Atom - Bohr's model of an atom , Discovery of neutrons , Atomic number and mass number,Distribution of electrons in different orbits,Valency of elements, isotopes, applications of isotopes,calculation of atomic mass of an element from the mass number of its isotopes	Natural Resources - Introduction, Natural resources , The breath of life : air, Air pollution, Water-a wonder liquid, Water pollution, Soil, Soil pollution, Biogeochemical cycles	Circles (complete)	The Bishop's Candlesticks, Integrated Grammar Exercises (Omission)	Population: Population, Importance of studying population , Population size & distribution-a. population growth, b. Birth Rate, c. Death rate, d. Migration, e. Age Composition, f. Sex Ratio, g. Literacy rates, h. Occupationaa Structure, i. Health , National Population Policy Food Security : Food Security, Why food security?,How is food security affected during a calamity?,Who are food insecure?-a. Social composition, b. Prone areas of food insecure,Hunger-a. Chronic hunger, b. Seasonal hunger, Self sufficiency of food grain, Food security in India-a. Buffer Stock, b. Minimum support price, Three important food intervention programmes-a. National Food For Work Programme,b. Current status of PDS, c. AAY, d. Advantages of PDS, e. Disadvantages of PDS, Role of cooperatives in food security, Green Revolution & production of more food grains, Problem of the working of the ration shops	Mathematical Operation,Spotting Out the Embedded Figure, Analytical Reasoning , Paper Folding & Paper Cutting
7	Minor test 7 (FA type, OMR based)	06-Feb-16	Sound ( Laws of reflection, Echo, Reverberation, Applications of reflection of sound, Applications of ultrasound, SONAR, Working of human ear)	Some important topics : Formula writing, Law of constant proportion, average atomic mass,Law of conservation of mass, Mole concept, isotopes,Rutherford's model, cathode rays	Natural Resources - Nitrogen cycle,Carbon Cycle, The green house effect,The Oxygen cycle, Ozone layer	Probability (Complete) Surface Areas and Volumes (Complete)	Song of the Rain, Integrated Grammar Exercises (Dialogue Completion)	Democratic Rights: Introduction, Life without rights,Citizen's rights in Saudi Arabia, Ethnic massacre in Kosovo,Rights in Democracy - What are rights?, Why do we need rights in Democracy?, Rights in Indian Constitution,Fundamental Rights-a. Right to equality, b. Right to freedom, c. Right to life and personal liberty, d. Right against exploitation, e. Right to freedom of religion, f. Cultural and educational rights, How can we secure these rights?, National Human Rights Commission,Expanding scope of rights, International covenant on economic, social & cultural rights	Dice & Cube
8	Minor test 8 (FA type, OMR based)	12-Feb-16	<b>FULL SYLLABUS OF SA-2</b>						



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Minor Test No.	Test Type	Test Date	Subject	Syllabus
1	Major Test No.1 (Subjective)	15-Feb-17	MATHS	FULL SYLLABUS OF SA-2
2	Major Test No.2 (Subjective)	17-Feb-17	SCIENCE	FULL SYLLABUS OF SA-2
3	Major Test No.3 (Subjective)	19-Feb-17	ENGLISH	FULL SYLLABUS OF SA-2
4	Major Test No.4 (Subjective)	21-Feb-17	SST	FULL SYLLABUS OF SA-2