

TARGET : CLASS 10

Minor Test No.	Test Type	Test Date	TARGET : CLASS 10						
			Physics	Chemistry	Biology	Maths	English	SST	Mental Ability
1	Minor test 1 (OMR based)	10-Jun-2018	Electricity : Static electricity & its source, Electric charge, Properties of electric charge, Units of electric charge, Coulomb's law, Electric potential, Potential difference, Conductors & Insulators , Current electricity, Flow of charge through a conductor, Measuring potential difference and current, Electric circuit elements, Electric resistance, Ohm's law, Resistors, Dependence of resistance on length, area of cross-section, and nature of material, Resistivity, Effect of stretching a wire & doubling a wire on itself on its resistance, Condition for wires of equal length but of two different materials to have the same resistance Resistors in series and parallel	Chemical reactions and equations-physical and chemical changes ,chemical reaction and its characteristics, chemical equations(word equation and symbol equation), rules for writing the chemical equation,balancing of equation,making chemical equation more informative,Types of chemical reactions -Combination , decomposition, (thermal decomposition, photo decomposition,electro decomposition)	Life processes : Nutrition- Introduction,Nutrition , Autotrophic nutrition,Photosynthesis 1.Sunlight,2. Photosynthetic pigment, 3.Carbon dioxide,Stomata 4.Water Site of photosynthesis,Mechanism of photosynthesis,Difference between light reaction and Dark reaction ,Importance of photosynthesis,Heterotrophic nutrition,Nutrition in animals,Digestive system of humans 1. Mouth,2. Buccal cavity 3. Pharynx,4. Oesophagus,5. Stomach,6. intestine,7. Anus	Linear Equation in Two Variables : Simultaneous linear equation in two variable, Investigating graphs of a system of equations, Solving system of equations by graphing, Algebraic conditions for consistency/ Inconsistency of the system, Algebraic method of solving pair of linear equations, Substitution method, Elimination method, Algebraic solution by cross-multiplication method, Equation of the form $ax + by = c$ & $bx + ay = d$, where $a \neq b$, Equation reducible to linear equation in two variables, Problems based on articles & their cost, Problems based on numbers, Problem based on fraction, Problem based on ages	Two Gentlemen of Verona, Verb Forms (Tenses) & Conditionals, Subject - Verb Agreement, Int. Gr. Ex. (Gap Filling)	Resources & Development - Types of Resources, Development of Resources, Resource Planning,Conservation of Resources, Land Resource - land utilisation, land use pattern, Land degradation & conservation, Soil Resources - Formation, Classification & distribution , Soil Conservation Age of Industrialisation - Before the industrial revolution (the coming of factory, pace of industrial change, Hand Labour & Steam Power, Life of the Workers Industrialisation in the Colonies, Age of Indian Textiles, What happened to the poor Manchester comes to India,Factories come up, The Early Entrepreneurs, Where did the workers came from,The peculiarities of Industiral growth, small scale industries predominate , Market for Goods, Power Sharing - Belgium & Sri Lanka (Majoritarianism in Sri Lanka, Accomodation in Belgium) Why Power Sharing is desirable, Forms of Power Sharing	Verbal Series, Non-Verbal Series, Dot Situation, Logical Sequence of words
2	Minor test 2 (OMR based)	24-Jun-2018	Electricity : Heating effect of electric current, Electric power & energy , Joule's law of heating & its applications - electric bulb, electric fuse Magnetic Effects of Electric Current : Magnetism, Magnetic poles, Properties of a bar magnet, Natural & artificial magnets, Magnetic field, Magnetic field lines with their properties, Uniform & non-uniform magnetic fields, Making permanent magnet, Ferromagnetic materials, Demagnetizing a magnet, Uses of magnets	Chemical reactions and equations- Displacement reaction, double displacement,oxidation nad reduction reactions,corrosion,rancidity	Respiration: Introduction, Respiration, Types of respiration (i) Aerobic respiration, (ii) Anaerobic respiration, Difference between aerobic and anaerobic respiration, Gaseous exchange in Plants, Gaeous exchange in aquatic animals, Gaseous exchange in terrestrial animals , Gaseous exchange in human beings,Breathing, Mechanism of Breathing	Linear Equation in Two Variables : Problem based on time distance & speed, Problem based on time distance, speed & ages, Problem based on Geometry Polynomial : Polynomials, types of polynomial, Value of polynomial, Zero of Polynomial, Geometrical meaning of the Zeros of a Polynomial, Relationship between the zeros & coefficients of a Polynomials, Symmetric functions of the zeros	The Frog & the Nightingale, Connectors, Int. Gr. Ex (Error Spotting)	Cities in the Contemporary World - Characterstics of the cities, Rise of Modern City in England, Marginal Groups, Housing , Cleaning London, Transport in the Cities, Social Change in the city, Man, Women & Family in the city, Leisure & Consumption , Politics in the City., The City in Colonial India, Bombay : the Prime City of India.Work in the City, Housing & Neighbourhood,Land Reclamation in Bombay, Bombay as the City of Dreams, City and the Challenge of Enviornment	Coding-Decoding,Completion of Incomplete Pattern
3	Minor test 3 (OMR based)	8-Jul-2018	Magnetic Effects of Electric Current :Current as a source of magnetism, Right hand thumb rule, Magnetic field due to a current-carrying straight conductor/ circular loop Magnetic field due to a solenoid, Electromagnets, Fleming's left hand rule, Magnetic force on a current-carrying conductor/ moving charge	Acids ,bases salts-Properties and classification of acids and bases, Indicators(litmus solution, phenolphthalein, methyl orange,turmeric powder),reaction of acids and bases with metals,reaction of acid with metal carbonates and hydrogen carbonates, reaction of acid and bases with each other	Transportation:Introduction,Transportation in human, Blood circulatory system, Blood,Blood vessels, Heart,Working of Heart, Double circulation	Polynomial : Division algorithm for polynomials Real Numbers : Euclid's division lemma Real Numbers : Euclid's division algorithm, Fundamental theorem of a arithmetic, Revisiting irrational members, Revisiting irrational members and their decimal expansion	Mrs. Packletide's Tiger, Modals, Int. Gr. Ex (Omission & Gap Filling)	Water Resources - Definition & Causes of Water Scarcity Multi Purpose River Project, Rainwater Harvesting	Verbal Analogy & Non-Verbal Analogy ,Verbal Classification & Non Verbal Classification

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4	Minor test 4 (OMR based)	22-Jul-2018	Magnetic Effects of Electric Current : Electric motor - principle, construction, working, uses , Electromagnetic induction, Fleming's right hand rule, Electric generator - principle, construction, working, AC & DC - advantages, disadvantages, Domestic electric circuits, Overloading, Short-circuiting	Acids ,bases salts- reaction of a non-metallic oxide with a base, reaction of a metallic oxide with acids, What do all acids and all bases have in common ?, pH scale importance of pH in every day life ,Salts (formation of salts ,families of salts pH of salts ,- chemicals from common salt - sodium hydroxide , Bleaching powder	Transportation: Blood pressure, Lymphatic system, Transportation in plants, (1) Transportation of water and minerals, Transpiration, (2) Transportation of food and other substances	Similar Triangles : Similar figures, BPT, Converse of BPT, Result of area of similar triangles Corollary 1, Corollary 2, 3, Pythagoras theorem, Converse of Pythagoras theorem, Internal angle bisector theorem	The Letter, Active & Passive Voice, Int. Gr. Ex. (Gap Filling, Editing, Omission,)	Sectors of Indian Economy - Sectors of Economic Activities, Comparing the three sectors, Historical changes in the sectors, Rising Importance of the Tertiary sector, Where are most of the people employed Rising Importance of the Tertiary sector, Where are most of the people employed , How to create more employment, Organised and Unorganised Sector Public and Private Sector , Print Culture - The first printed books, Print in Japan, Print comes to Europe - Gutenberg and the Printing Press, Print Revolution - A new Reading Public, Religious debates and the fear of Print, Print & Dissent, The Reading Mania - Tremble, Therefore tyrants of the World, Print culture and the French Revolution, The 19th Century - Children, Women & Worker, Further Innovations, India & the World of Print - Manuscripts before the age of Print, Print comes to India, Religious Reforms and Public Debate, New Forms of Publication, Print and Censorship	Number , Ranking & Time Sequence Test
5	Minor test 5 (OMR based)	5-Aug-2018	Sources of Energy : Energy conversion, Characteristics of a good source of energy, Renewable & non-renewable sources of energy, Advantages of such classification of sources of energy, Conventional & non-conventional sources of energy, Fossil fuels - types, advantages, disadvantages, turbine, Thermal power plant, Working of coal based thermal power plant, Hydro power plant - working, advantages, disadvantages Bio-mass, Smokeless chulhas, Animal/cattle dung as a fuel, Bio-gas plant - construction, working, advantages, disadvantages, Wind energy - windmill, wind energy farms, advantages, disadvantages/limitations ,	Acids ,bases salts- Baking soda ,washing soda, Are the crystals of salts dry? Metals and Non- metals -Physical properties of metals-lustre of metals, hardness, malleability, ductility, conductivity, sonority	Excretion: Introduction, Excretory organs in animals, Excretory system in humans, Nephron, Physiology of Excretion, Artificial kidney, Excretion in plants	Introduction to Trigonometry : Tangent of an angle, Cosecant, secant & Cotangent, Reciprocal relations, Quotient relation, Power of T. ratios, Trigonometrical ratio of std. angles, T-ratios of complementary angles	Prepositions, Active & Passive Voice Int. Gr. Ex. (Gap Filling)	Democracy & Diversity - Story from Mexico Olympics, Differences, Similarities and Divisions, Politics of Social Division , Three Determinants of outcomes of Politics of Social Division - Gender, Religion & Caste - Gender & Politics, Public/Private Division, Women's Political representation, Religion, Communalism and Politics, Various forms of Communalism, Secular State Caste and Politics - Caste in Politics and Politics in Caste	Sitting Arrangement
6	Minor test 6 (OMR based)	19-Aug-2018	Sources of Energy : Solar energy - solar constant, Box type & spherical mirror type solar cookers, advantages and disadvantages of harnessing solar energy, Solar cells, solar cell panel, advantages, disadvantages, Tidal energy Sea-waves energy, Ocean thermal energy, Geothermal energy, Nuclear fission & fusion, Environmental consequences	Metals and Non- metals -Chemical properties of metals-reaction of metal with oxygen, Reaction of metals with water, reaction of metals with acids	Control and coordination: Introduction, Coordination in animals, Nervous system, Three types of nerves, Electrochemical mechanism of transfer of nerve impulse, Neuromuscular junction, Reflex arc and reflex action, (1) Central nervous system, (i) Brain-fore brain, mid brain, hind brain,	Introduction to Trigonometry Trigonometrical identifies, Probability (Complete)	Not Marble Nor the Gilded monuments, Articles & Determiners, Int. Gr. Ex (Editing & Omission, Jumbled up Sentences)	Agriculture - Types of Farming, Cropping Pattern, Major Crops - Food crops other than grains, Non-food crops, Technological & Institutional reforms, Contribution of Agriculture to the National Economy , Money and Credit : Barter system, Money as a medium of exchange, -a. Money as a medium of exchange, b. Advantages of Money, c. Measure of Value, d. Modern forms of Money, e. Money is used as a medium of exchange because, Deposits with Bank, - a. Demand deposits, b. Advantages of depositing money in the bank, c. Cheque, d. Advantages, Loan activities of Bank, Importance of Credit, Two different credit situations, Terms of Credit, Loan from Cooperatives, Formal Lender Sources, Unequal distribution of formal sector loans, RBI-Lender of the last resort, The role of formal sector loans in the country's development, Formal Lender Sources, Unequal distribution of formal sector loans, RBI-Lender of the last resort, The role of formal sector loans in the country's development, Self Help Groups (SHG) for the poor-a. Major features of SHGs, b. Importance of SHGs, c. Grameen Bank of Bangladesh Gender Religion and Caste	Inserting The Missing Character

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7	Minor test 7 (OMR based)	2-Sep-2018	Optics : Reflection of Light (Light - sources, nature, properties, Production of electromagnetic (EM) waves, EM & visible light spectrum, Objects - luminous, non- luminous, opaque, transparent, translucent, point, extended, Types of images, Shapes of beam of light, Reflection of light - phenomenon, basic terms, laws, types, Reflection from plane mirror - image properties, Spherical mirrors - types, basic terms, Concave & convex mirrors - rules to obtain images, image formation by concave mirrors)	Metals and Non- metals -Reaction of metal with solutions of other metal salts, Reaction of metals with non metals, general properties of ionic compound,Occurrence of metals - native state and combined state,minerals and ores,Extraction of metals :metallurgy (crushing and grinding of ore , enrichment of ore	Control and coordination: Spinal cord,Peripheral nervous system, Endocrine system,Table of glands of endocrine system,Feedback mechanism	Statistics : Mean of grouped data , Direct Method, Shortcut method, Step-deviation method, Median of a grouped data, Mode of a grouped data, Graphical representation of cumulative frequency distribution	Reported Speech, Int. Gr. Ex (Reported Speech Gap Filling)	Mineral and Energy Resources : What is a mineral-a. Importance of minerals, b. Classification of minerals, An Ore, Mode of occurrence of minerals,Minerals are very unevenly distributed, Points that make a mineral economically viable, Rat Hole mining, Ferrous minerals-a. Iron Ore, b. Manganese, Non Ferrous Minerals- a. Copper, b. Bauxite,Non Metallic Minerals, Rock Minerals, Mining-A killer industry, Conservation of Minerals , Energy Resources-a. Conventional energy resources, b. Non Conventional resources, Coal-a. Anthracite Coal, b. Bituminous Coal, c. Lignite, d. Peat, Petroleum, Natural Gas, Electricity-a. electricity is generated in mainly two ways, b. Hydro power, c. Thermal Power, d. Nuclear or Atomic Energy, Non Conventional Energy Sources- a. Solar Energy, b. Wind Power, c. Biogas, d. Tidal Energy, e. Geothermal Energy, Conservation of Energy Resources Money and Credit	Mathematical Operation, Arithemtical Reasoning
8	Minor test 8 (OMR based)	16-Sep-2018	Optics : Reflection of Light (image formation by convex mirrors, uses, Sign convention for reflection by spherical mirrors, Mirror formula, Magnification)	Metals and Non- metals - extraction of metal from the enriched ore - extraction of metals low in the reactivity series,extraction of metals middle in the reactivity series, refining of impure metals ,Corrosion-factors which promote corrosion , examples of corrosion,prevention of corrosion, alloys (characteristics and examples of alloy) magnetic oxide	Control and coordination:Coordination in plants, Tropic movements,Nastic movements,Difference between tropic and nastic movements,Chemical coordination in plants	Height and Distance (Complete)	The Dear Departed, Int. Gr. Ex (News Headlines, Reported Speech Gap Filling, Error Spotting)	Nationalism in India: Effect of First World War on the Indian National Struggle, Gandhian Philosophy, -a. Champaran Satyagraha, b. Satyagraha at Kheda District, c. Ahmedabad Mill Workers Strike, The Rowlatt Act,Rowlatt Satyagraha to Non Cooperation Movement, Non Cooperation Movement, Meaning of Swaraj for different social groups,he Swaraj Party,The radicals, British reaction after the non cooperation movement, The Simon Commission, Lahore Session - December 1929, Why was salt used as an effective symbol to resist Colonialis, The Salt March and the CDM, How participants saw the movement-a. Rich peasants, b. Poor peasants, c. Business Class, d. Industrial Workers, e. Participation of women, What were the limitations of th CDM-a. Untouchables or Dalits, b. Muslim Political Organisations, How did the feeling of nationalism or a collective belonging develop among different communities, Positive and negative aspects of the national struggle Political Parties	Logical Venn Diagram,Analytical Reasoning ,
9	Minor test 9 (OMR based)	30-Sep-2018	Optics : Refraction of Light (Fermat's principle of least time, Refraction of light - phenomenon, basic terms, Snell's law & other laws, Absolute & relative refractive index, Refraction through glass slab, Apparent depth)	Carbon and its compounds - Covalent bonding , necessary conditions for covalent bond , formation of covalent compounds , characteristics of covalent compounds , allotropes of carbon - diamond , graphite , fullerene	How do organisms reproduce - Introduction, Significance of Reproduction, Types of reproduction, Asexual reproduction (i) Fission (ii) Budding, (iii) Regeneration (iv) Fragmentation (v) Spore formation (vi) Vegetative propagation (A) Natural vegetative propagation(B) Artificial vegetative propagation,advantages of asexual reproduction,	Quadratic Equations (Complete)	A Shady Plot, Int. Gr Ex (Gap Filling)	Manufacturing Industries: Manufacturing, Importance of manufacturing, Contribution of agriculture to industry,Contribution of industry to agriculture,Contribution of industry to the National Economy,Factors which influence the location of industries, Agglomeration of Economies, Industrial Location, Classification of the industry-a. On the basis of capital invetsment, b. On the basis of weight of raw materials and finished goods, c. On the basis of ownership, d. On the basis of source of raw material, e. According to their main role, Agro Based industries- a. Textile industry, b. Cotton textiles,Factors responsible for the high concentration of cotton mills in Maharashtra and Gujarat, Problems of Indian Cotton Textile Industry,Jute Industry, Sugar Industry, Mineral based industries-a. Iron and Steel Industry, b. Aluminium Smelting, c. Chemicals industry, d. Fertiliser Industry, e. Cement Industry, f. Automobile Industry, IT and Electronic Industry, Industrial pollution and environmental degradation, NTPC Life lines of National Economy: Importance of means of transport and communication, Means of transport,Roadways, Classification of roads according to their capacity, Classification of roads on the basis of type of material,Railways,Pipelines, Waterways, Major Sea Ports of India, Airways, Communication, Indian Postal System, Telecommunication, International Trade, Tourism Globalisation	Paper Folding & Paper Cutting,Mirror & Water Images

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			Physics	Chemistry	Biology	Maths	English	SST	
10	Minor test 10 (OMR based)	14-Oct-2018	Optics : Refraction of Light (Lens - types, basic terms, rules to obtain images in spherical lenses, image formation by convex lens, image formation by concave lens, uses)	Carbon and its compounds -Versatile nature of carbon, vital force theory, Saturated and unsaturated compounds , lewis dot structure of organic compounds , general formula of alkane, alkene & alkyne, Chains,branches, rings homologous series, functional groups	How do organisms reproduce - Sexual reproduction,Difference between asexual and sexual reproduction,Sexual reproduction in flowering plants,Pollination,Fertilization in plants,Post fertilization changes in flower,Human reproductive system(Secondary sexual characters in male and female) , Male reproductive system,Female reproductive system,Reproductive health	Cordinate Geometry (Complete)	Ozymandias, Reported Speech, Int. Gr. Ex (Reported Speech Gap Filling)	Outcomes of Democracy: How do we assess democracy's outcomes ? A. Democratic countries differ from each other, b. Accountable, responsive and legitimate government, Economic growth and development, Economic outcome of democracy,Reduction of inequality and poverty, Accomodation of social diversity,Dignity and freedom of citizens, Challenges to Democracy: Thinking about challenges, Major challenges,Thinking about Political Reforms,Redefining Democracy Consumer Rights: Consumer, Major factors responsible for the exploitation of the consumer, Need for rules and regulations to save the consumer, Consumer Movements,Rights of the Consumer, COPRA,Standardisation,Duties of a well informed consumer	Alphabet Test , Alpha-Numeric Sequence Puzzle
11	Minor test 11 (OMR based)	28-Oct-2018	Optics : Refraction of Light (Sign conventions for lens, Lens formula, magnification, power of lens) Human Eye & The Colourful World (Human eye - components, structure, working, roles of various parts of eye)	Carbon and its compounds - Homologous series, functional groups, Nomenclature of organic compounds - Trivial + IUPAC	Heredity and Evolution- Introduction, Gregor Johann Mendel,Mendelian experiment, Advantages of pisum sativum, Pair of allelic characters found in garden pea plant, Monohybrid cross, Dihybrid cross, Laws of inheritance,	Arithmetic Progression (Complete) Construction (Complete)	Patol Babu - Film Star, Int. Gr. Ex (Omission, Jumbled Sentences)	Federalism: What is federalism?, Difference between unitary & federal government, Key features of federalism, Two aspects crucial for the institutions & practice of federalism, Two kinds of routes through which federations have been formed, Linguistic state, Doubts related to creation of states on linguistic basis, Language policy, Centre-State relations, Decentralisation in IndiaRural local government, Positive outcomes of local self-government, Difficulties , Development: What development promises- Different People, Different Goals, Income & other goals, National Development, ow to compare different countries or states?, Public Facilities, HDI, Sustainability of Development	Direction Sense Test
12	Minor test 12 (OMR based)	11-Nov-2018	Human Eye & The Colourful World (Power of accommodation, Near & far point, Importance of two eyes, How we see colours, Colour blindness, Cataract, Myopia, Hypermetropia, Presbyopia, Dispersion of white light by a prism/glass slab)	Carbon and its compounds -Chemical properties of organic compounds - combustion , oxidation , addition , substitution Ethanol - properties and uses, Ethanoic acid-properties and uses, soaps and detergents	Heredity and evolution- Sex determination, Evolution ,Carolus Linnaeus,Lamarckism, Darwinism,Origin of life on Earth , Variation , Genetic drift, Species and Speciation,Evolution and classification,Tracing evolutionary relationship 1. Homologous organ,2. Analogous organ, Fossil, Evolution by stages, Human evolution	Circles (Complete)	Snake, Int. Gr. Ex. (News Headlines, Editing)	Nationalism in Europe: The theme of Fredrich Sorreiu's painting,The French Revolution and the idea of a Nation- a. Steps taken by French revolutionaries to develop the ideas of nation state, b. French revolutionaries towards the rest of Europe, c. Role of Napoleon-Civil Code of 1804, d. Drawbacks of Napoleonic Code, The making of Nationalism in Europe- a. The aristocracy and the new middle class, b. Liberal Nationalism, c. A New Conservatism after 1815- Major proposals of the Vienna Congress, d. The Revolutionaries, Guiseppe Mazinni, Age of Revolution 1830-1848 - i. Upheaval in France, ii. Uprisings in Brussels, iii. Uprisings in Greece,The Romantic imagination and National Feeling, Hunger, hardship and popular revolt,1848: The Revolution of the Liberals, Frankfurt Parliament-Obstacles, Outcomes, The making of Germany and Italy-Unifications, a. Germany, b. Unification of Italy, Stages of Unification, Guiseppe Garibaldi, The Strange Case of Britain, Visualising the Nation,Nationalism and imperialism-Balkan States Political Parties: Political Parties: Political parties,Functions and need for Political Parties,Need for Political Parties, Party System, -a. One Party system, b. Bi-Party system, c. Multi party system, An Alliance,Political parties in India-a. National Parties, b. State Parties, c. Difference between a National Party and a Regional Party, Introduction to major political parties-a. Indian National Congress(INC), b. Bhartiya Janta Party, c. Bahujan Samaj Party, d. Communist Party of India-Marxist, e. Communist Party of India, Nationalist Congress Party(NCP), State Parties, Challenges faced by Political Parties, How caN parties be reformed ? Globalisation: Production across countries, MNC, Foreign trade and integration of markets, Availability of modern techniques and management,Result of foreign trade,Disadvantages of Multinational Corporations, Globalisation, Liberalisation, WTO,Positive Impact of Globalisation in India,Negative Impacts of Globalisation in India, The struggle for fair globalisation.	Blood Relation

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13	Minor test 13 (OMR based)	25-Nov-2018	Human Eye & The Colourful World (Newton's setup of two prisms to get back white light, Rainbow formation , Atmospheric refraction & related phenomena, Scattering of light & related phenomena)	Periodic classification of elements - Introduction , Dobereiner's triads , newland's law of octaves, Mendeleev's periodic table	Our Environment: Introduction,Ecosystem, Food chain ,Food web , How do our activities affect the environment,Solid waste and their disposal,Biodegradable and non biodegradable waste,Modes of waste disposal(Landfills,Recycling of wastes,Preparation of compost),Depletion of ozone layer	Area related to circle (Complete)	Virtually True, Int. Gr. Ex (Gap Filling, Jumbled up Sentences)	Nationalism in India: Effect of First World War on the Indian National Struggle, Gandhian Philosophy, -a. Champaran Satyagraha, b. Satyagraha at Kheda District, c. Ahmedabad Mill Workers Strike, The Rowlatt Act,Rowlatt Satyagraha to Non Cooperation Movement, Non Cooperation Movement, Meaning of Swaraj for different social groups,he Swaraj Party,The radicals, British reaction after the non cooperation movement, The Simon Commission, Lahore Session - December 1929, Why was salt used as an effective symbol to resist Colonialis, The Salt March and the CDM, How participants saw the movement-a. Rich peasants, b. Poor peasants, c. Business Class, d. Industrial Workers, e. Participation of women, What were the limitations of th CDM-a. Untouchables or Dalits, b. Muslim Political Organisations, How did the feeling of nationalism or a collective belonging develop among different communities, Positive and negative aspects of the national struggle, Consumer Rights: Consumer, Major factors responsible for the exploitation of the consumer, Need for rules and regulations to save the consumer, Consumer Movements,Rights of the Consumer, COPRA,Standardisation,Duties of a well informed consumer	Spotting Out the Embedded Figure ,Dice & Cubes
14	Minor test 14 (OMR based)	9-Dec-2018	Electricity, Magnetic effect of electric current	Periodic classification of elements - Modern Periodic law,modern periodic table,Trends in valency,atomic size,metallic and non-metallic character,nature of oxides	Management of Natural Resources:Introduction , Conservation , 3R Formula for conservation, Why do we need to manage our resources, Forest and wild life , Stake holders, Sustainable management and development, Chipko and appiko movement ,Water for all, Dams,Water harvesting,Khadin water harvesting system, Coal and petroleum	Surface areas and Volumes (Complete)	The Rime of the Ancient Mariner, Int. Gr. Ex (Omission, Editing), Julius Caesar, Int. Gr. Ex.(Gap Filling, Reported Speech Gap Filling)	Age of Industrialisation- Before the industrial revolution (the coming of factory, pace of industrial change, Hand Labour & Steam Power, Life of the Workers Industrialisation in the Colonies, Age of Indian Textiles, What happended to the poor Manchester comes to India,Factories come up, The Early Entrepreneurs, Where did the workers come from,The peculiarities of Industiral growth, small scale industries predominate , Market for Goods Water Resources: Definition & Causes of Water Scarcity Multi Purpose River Project, Rainwater Harvesting	Figure Matrix, Figure Formation,Const ruction of squares & Grouping of Identical Figures
15	Minor test 15 (OMR based)	23-Dec-2018	Full Syllabus	Full Syllabus	Full Syllabus	Full syllabus	Full syllabus	Full Syllabus	Full Syllabus



**SCHEDULE & SYLLABUS OF ONLINE TEST SERIES
PRE-NURTURE & CAREER FOUNDATION (PNCF)
[Academic Session : 2018 - 19]**

Major Test No.	Test Type	Test Date	Subject	Syllabus (CLASS - 10)
1	Major Test No.1 (Subjective)	06/01/2019	MATHS	Full Syllabus
2	Major Test No.2 (Subjective)	13/01/2019	SCIENCE	Full Syllabus
3	Major Test No.3 (Subjective)	20/01/2019	ENGLISH	Full Syllabus
4	Major Test No.4 (Subjective)	27/01/2019	SST	Full Syllabus
5	Major Test No.5 (Subjective)	03/02/2019	MATHS	Full Syllabus
6	Major Test No.6 (Subjective)	10/02/2019	SCIENCE	Full Syllabus
7	Major Test No.7 (Subjective)	17/02/2019	ENGLISH	Full Syllabus
8	Major Test No.8 (Subjective)	24/02/2019	SST	Full Syllabus