



DELHI PUBLIC SCHOOL, ONGC, NAZIRA

SYLLABUS BREAK UP FOR UT – 3 SESSION 2017-18

CLASS – XII :

<p><u>English</u></p> <p>1. Reading Skill Note making and summarising Reading Comprehension</p> <p>2. <u>Writing Skill</u>: Business Letter Invitations</p> <p>3. <u>Literature</u>: The Rat trap The Enemy A Thing of Beauty</p>	<p><u>Physics</u></p> <p>1. Electrostatic a) Electric charge & field b) Electrostatic potⁿ & capacitance</p> <p>2. Current Electricity</p> <p>3. Magneto static a) Moving Charge & Magnetism b) Magnetism & matter</p> <p>4. a) Electromagnetic Induction b) Alternating current</p> <p>5. Optics</p> <p>6. Dual nature of matter</p>	<p><u>Business Studies</u></p> <p>1. Introduction to Management 2. Principles of Management 3. Business Environment 4. Planning 5. Organising 6. Staffing 7. Directing 8. Controlling 9. Financial Management 10. Financial Market 11. Marketing Management</p>
<p><u>Chemistry</u></p> <p>1. Solid State 2. Solutions 3. Electrochemistry 4. Haloalkanes & Haloarenes 5. Alcohol, Phenol & Ethers 6. Chemical Kinetics 7. Surface Chemistry 8. Aldehydes, Ketones and carboxylic acids. 9. Amines 10. Biomolecules</p>	<p><u>Accountancy</u></p> <p>1. Partnership – Fundamentals 2. Reconstitution Admission Retirement Death 3. Dissolution of a Firm 4. Company – Share Capital 5. Debentures 6. Comparative Statements & Ratio Analysis</p>	<p><u>Biology</u></p> <p>1. Reproduction in organisms 2. Sexual Reproduction in Flowering plants 3. Human Reproduction 4. Reproductive Health 5. Principles of Inheritance & variation 6. Molecular Basis of Inheritance 7. Human health and diseases 8. Strategies for enhancement in food production 9. Microbes in human welfare</p>
<p><u>Economics</u></p> <p>Foreign Exchange, Balance of Payment, Cost, Introduction to Macro Economics, Money & Banking, Consumer's Equilibrium, Price Determination, Supply, Multiplier, Determination of Income, Market, Elasticity of Supply, Supply, Determination of income employment (Inflation), Elasticity of Supply, National Income, Government Budget.</p>	<p><u>Mathematics</u></p> <p>1. Relation, Function & Binary Operation 2. Inverse Trigonometry 3. Matrices 4. Determinant 5. Differentiation 6. Application of Derivative 7. Vectors 8. Three Dimensional Geometry 9. LPP</p>	<p><u>History</u></p> <p>1. Harappa 2. Kings, Towns 3. Political & Social Condition 4. Thinker & Beliefs 5. Travellers 6. Bhakti Sufi 7. Vijaynagara 8. Peasants, Zamindars and State 9. Kings and Chronicles 10. Colonialism and the country side 11. Rebels and the Raj 12. Colonial Cities 13. Mahatma Gandhi and The National Movements 14. Understanding Partition 15. Maps</p>
<p><u>Computer</u></p> <p>1. Object Oriented Programming 2. Constructor & Destructor 3. File handling 4. Arrays 5. Structured Query Language</p>	<p><u>Informatics Practices</u></p> <p>1. Computer Networking, Open Source 2. Java Net beans (RV-I & RV-II) 3. HTML-I & HTML-II, XML 4. MySQL 5. Tables and Integrity Constraints.</p>	<p><u>Geography</u></p> <p>World Population, Primary & Secondary Activities, Water Resources Mgt, Human Settlement, Land Resource-Agriculture, Mineral Energy, Transport & Communication, Manufacturing Industry, International Trade.</p>

<u>Political Science</u> 1.Challenges of Nation Building 2.Era of one party, 3.Politics of planned Development, 4.Challenges to democracy, Crisis & Restoration, 5.Popular Mov, 6.Regio Aspiration, 7.Recent dev., Contemporary World Politics 1.The Cold war Era, 2.The End of Bipolarity, 3.US Hegemony in World Politics, 4.Alternative centres of power International Org, Security, Environment, Glovalisation.	<u>Physical Education</u> 1.Planning in Sports 2.Sports & Nutrition 3. Yoga & Lifestyle 4. PE & Sports for differently abled 5. Children & sports 6. Women & Sports. 7. Test and Measurement 8. Physiology and Sports 9. Sports Medicine 10. Kinesiology, Biomechanics and Sports 11. Psychology and Sports	<u>Hindi</u> Unseen passage Letter writing Writing Skill Literature-Text Book
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CLASS – XI :

<u>English</u> 1. <u>Reading Skill</u> : Note making and summarising Reading Comprehension 2. <u>Writing Skill</u> : Business Letter 3. <u>Grammar</u> : Rearranging jumbled words/Phrases Editing 4. <u>Literature</u> : Ranga’s Marriage Albert Einstein at School Mother’s Day	<u>Physics</u> 1.Units and Measurement 2.Kinematics a)Motion in a straight line b)Motion in a plane 3.Laws of Motion 4.Work, Energy and Power 5. Motion of system of particles 6. Gravitation 7. Properties of Bulk Matter	<u>Business Studies</u> 1.Nature and purpose of Business 2.Forms of Business Organisations 3.Public, Private and Global Enterprise 4.Business Services 5.Emerging modes of Business 6. Social Responsibility and Business Ethics. 7. Formation of a Company/Sources of Business Finance 8. Small Business 9. Internal Trade
<u>Chemistry</u> 1.Basic Concepts in Chemistry 2.Structure of Atom 3.Classification of Elements and periodicity in properties 4.Chemical Bonding & Molecular Structure. 5. States of matter 6. Thermodynamics 7. Basic Principles of techniques 8. Hydrocarbons	<u>Accountancy</u> 1.Introduction to Accountancy 2.Theory Base of Accountancy 3.Recording of Transactions 4.BRS, Ledger and Trial Balance 5.Depreciation 6.Bills of Exchange 7.Rectification of Errors 8. Non Profit Organisation 9. Final Account	<u>Biology</u> 1.The living World 2.Biological Classification 3.Plant Kingdom 4.Animal Kingdom 5.Morphology of Flowering Plants 6.Anatomy of Flowering Plants 7.Structural organization in animals 8. Cell: The unit of life. 9. Biomolecules 10. Cell cycle and cell division 11. Transport in plants
<u>Economics</u> Introduction, Collection of data, Presentation of data, Indian Economy 1950-1990(Planning, Liberalisation, Privatisation), Poverty, Measures of Central Tendency (Missing frequency, Mode by graphical representation) Measures of Dispersion, Quartic deviation, Standard deviation,	<u>Mathematics</u> 1.Sets 2.Relation, Function 3.Trigonometry Functions 4.Principal of Mathematical Induction 5.Complex numbers 6. Permutations and Combinations 7. Linear Inequalities 8. Binomial Theorem	<u>History</u> 1.From the Beginning of Time 2.Writing and City Life 3.The Empire across three Continents 4.The Central Islamic lands 5.Nomadic Empires 6.The Three Orders 7. Changing cultural traditions 8. Confrontations of Cultures

Poverty, Human capital formation, Correlation, Rural Development.	9. Sequences and series	9. The Industrial Revolutions 10. Maps
<u>Computer</u> 1. Computer Overview, OS 2. Data Representation 3. Introduction to C++ 4. Data types and variables 5. Operators and Expression 6. Arrays 7. Structure		<u>Geography</u> Mineral & Rocks, Geomorphic Process, Landforms & their evolution, Composition and structure of Atmosphere, Solar Radiation-Heat balance, Climate, Natural vegetation, Mapwork
<u>Political Science</u> Indian Constitution 1. Indian Const. 2. Rights in the Indian Const. 3. Election and Representation, 4. Executive & Legislature Judiciary Political Theory 1. Pol. Theory – an introduction 2. Freedom 3. Equality 4. Social Justice 5. Rights & 6. Citizenship	<u>Physical Education</u> 1. Changing trends & Career in PE 2. Olympic Movement Physical fitness, wellness & lifestyle 4. Physical education & sports for differently abled 5. Yoga 6. Physical activity & leadership training 7. Test, Measurement and Evaluation 8. Fundamentals of Anatomy and Physiology 9. Kinesiology, Biomechanics and Sports 10. Psychology and Sports 11. Training in Sports	<u>Hindi</u> Reading Skill Letter writing Writing Skill Literature



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CLASS – X :

<u>English</u> Factual Passage 1. Factual Comprehension Passage 2. Discursive Comprehension Passage 3. Formal Letter of Inquiry ... based on Education Unit of MCB 4. Gap filling 5. Sentence Transformation-Reported Speech 6. Editing 7. Q/Ans The Dear Departed Patol Babu: Film Star The Rime of the Ancient Mariner A Shady Plot Ozymandias The Letter Not Marble Nor Gilded Monuments	<u>Physics</u> 1. Electricity 2. Magnetic Effect of Electric Current 3. Light	<u>Chemistry</u> 1. Chemical Reactions 2. Acids, Bases & Salts. 3. Metals and Non metals 4. Carbon and its compounds 5. Periodic classification of elements
<u>Biology</u> 1. Life Processes	<u>Mathematics</u> 1. Real Numbers	<u>Economics</u> 1. Development

2.Control & Coordination 3.How do organisms reproduce 4. Heredity and Evolution 5. Our Environment 6. Management of natural resources	2.Polynomials 3.Pair of linear equation in two variables 4. Quadratic equation. 5. Arithmetic Progression 6. Triangles	2.Sectors of the Indian Economy 3.Money and Credit 4.Consumer rights 5.Globalisation
<u>History</u> 1.Rise of Nationalism in Europe 2.Nationalism in India 3.Age of Industrialisation 4.Map work	<u>Political Science</u> 1.Power Sharing 2.Federalism 3.Democracy and Diversity 4.Gender, Religion & Caste 5.Political Parties	<u>Geography</u> 1.Agriculture 2.Minerals 3.Map work
<u>Hindi</u>		



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CLASS –IX :

<u>English</u> 1.Reading : Unseen Passage 2.Writing : Article Writing, 3.Grammar-Gap Filling, -Omission, - Editing 4.Literature: Extract, Short Answers Chapters: Brook, Seven Ages, Oh! I Wish I'd Looked after me Teeth, A Dog Named Duke, Keeping it from Harold, The man who knew too much, Bishop's Candlesticks.	<u>Physics</u> 1.Motions 2.Force and Laws of Motion 3. Gravitation 4. Work, Energy and Power	<u>Chemistry</u> 1.Matters in our surrounding 2.Is the matter around us pure 3. Atoms and Molecules
<u>Biology</u> 1.The Fundamental Unit of Life 2.Tissues 3.Diversity in living organisms 4. Why do we fall ill? 5. Natural Resources	<u>Mathematics</u> Number System, Polynomials, Coordinate Geometry, Linear Equations in Two Variables, Introduction to Euclid's Geometry Lines and Angles, Triangles.	<u>Economics</u> 1.Story of Palampur 2.People as Resources 3.Poverty 4.Food Security in India
<u>History</u> 1.French Revolution 2. Russain Revolution 3. Nazism	<u>Political Science</u> 1.What is Democracy 2.Constitutional Design 3.Electoral Politics 4.Map work	<u>Geography</u> 1.Climate 2.Drainage, 3.Natural vegetation 4.Map work
<u>Hindi</u>		