



LORETO CONVENT SCHOOL

Tara Hall, Shimla-171003

Class 11 Non- Medical				
SUBJECT	Periodic I	Half Yearly	Periodic II	Annual
Chemistry	Structure of An Atom	Some Basic Concepts of Chemistry, Structure of An Atom, Classification of Elements and Periodicity of Elements, chemical Bonding, States of Matter.	1.Redox Reactions 2.Hydrogen 3.organic chemistry some basic principles and techniques	1.organic chemistry some basic principles and techniques 2.Hydrocarbon 3.s block element 4.p block element 5.thermodynamics 6 . Equilibrium
Physics	Physical world and Measurement.	Physical World and Measurement, Kinematics, Laws of Motion, Work Energy & Power, System of Rotational Motion	Gravitation ,Mechanical Property of solids.	Properties of Bulk Matter, Behavior of Kinetic Theory, Thermodynamics, Simple Harmonic Motion and Waves. Physical World and Measurement, Kinematics, Laws of Motion, Work Energy & Power. System of Rotational Motion, Gravitation.
Economics	Measures of Central Tendency, Meaning Scope and Importance of Statistics in Economics.	Collection and presentation of data, Organization of data, Measure of central tendency.	Measures of dispersion correlation, census and sampling.	Lorenz's Curve (Including Periodic I +Half Yearly + Periodic II).
	Micro Economics: Meaning of Micro and Macro Economics, Central Problems of Economy.	Micro Economics: Consumers Equilibrium with single commodity, Demand and Elasticity of demand, Supply & Elasticity.	Producer's Equilibrium, Cost & Revenue, Production Function.	Micro Economics: Form of Market, Price Determination. Entire Syllabus.



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SUBJECT	Periodic I	Half Yearly	Periodic II	Annual
		(Including Periodic-I)		
English	<p>The Portrait of a lady, A Photograph (p), The Summer of the beautiful white horse, The Tale of melon city (p), Jumbled words, Editing, Notices, Letter to editor, Letter of enquiry.</p>	<p>Childhood (p), Discovering TUT, The voice of the rain (p), The Address, Albert Einstein Birth, Laburnum Top</p> <p>Writing Skills & Grammar: Active and Passive voice, Modals, Formal Letter Writing: 1.Letter of Enquiry 2.Letter of Complaint, 3. Letter to Place Orders 4.Job Application With Resume 5.Letter to The Editor.</p> <p>The Portrait of a lady, A Photograph (p), The Summer of the beautiful white horse, The Tale of melon city (p), Jumbled words, Editing, Notices, Articles, and Elaborating Headlines, Debate Speech.</p>	<p>Voice of rain, Albert Einstein at school, Rangas marriage, Mcqs on notices, Letters,Speech, Debate,Grammar</p>	<p>Mother's Day, Ranga's Marriage, Landscape of the Soul, The Adventure Ghat of The Only World, Advertisements, Written Practice of all writing skills.</p> <p>Listening and speaking skills will be taken separately.</p> <p>1.The Portrait of a lady, A Photograph (p), The Summer of the beautiful white horse, The Tale of melon city (p), Jumbled words, Editing, Notices, Articles, and Elaborating Headlines.</p> <p>2. Formal Letter Writing: 1.Letter of Enquiry 2.Letter of Complaint, 3. Letter to Place Orders 4.Job Application With Resume 5.Letter to The Editor.</p> <p>3. Browning version, The Ailing Planet, Father to Son (p), Silk Route</p> <p>Report Writing, Debate Speech writing, Factual Description. Tenses, Active and Passive voice, Modals, Formal Letter Writing</p> <p>The Adventure & Silk Route only for note making.</p>
Mathematics	<p>1.Complex numbers</p> <p>2.Measurement of angles</p> <p>3.Trigonometric functions</p>	<p>1) T-ratios of compound angles</p> <p>2) Transformation formulae</p> <p>3) Permutation and combination</p> <p>4) Multiple and sub multiple angles</p> <p>5) Trigonometric</p>	<p>1)sets</p> <p>2)Relations</p> <p>3)Functions</p> <p>4)Quadratic equation</p> <p>5)Arithmetic progressions</p>	<p>1)Sets</p> <p>2)Relations</p> <p>3)Functions</p> <p>4)Quadratic equation</p> <p>5)Arithmetic progression</p> <p>6)Geometric progression</p> <p>7)The straight lines</p> <p>8)conic section</p>



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		6) Equations Probability (Including Periodic1 syllabus)		9)limits and derivatives 10) Statistics. 11)Linear inequalities 12)The circles
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SUBJECT	Periodic I	Half Yearly	Periodic II	Annual
Physical Education	Changing Trends and Career in Physical Education, Olympic Movement.	1 to 5 Unit Practical :- Project file (About on sport/game of choice) Demonstration of fitness activity Viva Voce (From Project file; Fitness)	1.Physical Activity & leadership Training 2.Test Measurement and Evaluation	Unit 4:- Physical education & sports for CWSN Unit 5 :- Yoga Unit 6:- Physical activity and leadership Unit 9:- Psychology and sport Unit 10 :- Training and doping in sports Practical :- Project file (Yoga and General Motor fitness Test) Demonstration of fitness activity Viva Voce (From Project file; General Motor Fitness Yoga)

CLASS-XI

SUBJECT	PERIODIC-1	HALF YEARLY	PERIODIC-2	ANNUAL
INFORMATICS PRACTICES	Unit-I: Computer System (Introduction to computer system, Evolution of computer, computer memory and software	i) Introduction to Computer System ii) Introduction to python iii) Working With Lists and Dictionaries	Emerging Trends: Introduction to Emerging Trends Artificial Intelligence Big Data Internet of Things Cloud Computing Grid Computing Blockchains	Unit-I Unit-II Unit-III: Introduction to Database concepts, Relation data Model, SQL Commands DDL,DQL,DML Unit-IV: Introduction to Emerging Trends, AI,ML,NL,AR,VR, Big



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