



LORETO CONVENT SCHOOL

Tara Hall, Shimla-171003

Class 11 Medical

SUBJECT	Periodic I	Term I	Periodic II	Term II
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
Biology	Cell, Cell Division, Structural Organization, Tissues Plants, Tissues Animals.	Human Physiology, Cell, Cell Division, Structural Organization, Tissues Plants, Tissues Animals.	Photosynthesis, Respiration.	Living World Chapter 1,2,3 & 4. Photosynthesis and respiration in plants Chapter 13 & 14, Biomolecules Chapter 9, Inflorescence and flower Chapter 5. Floral families.
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 Wave. Physical World and Measurement, Kinematics, Laws of Motion, Work Energy & Power. System of Rotational Motion, Gravitation.

SUBJECT	Periodic I	Term I	Periodic II	Term II
English	The Portrait of a lady, A Photograph (p), The Summer of	Childhood (p), Discovering TUT, The voice of the rain (p), The Address, Albert	Voice of rain, Albert Einstein at school, Rangas	Mother's Day, Ranga's Marriage, Landscape of the Soul, The Adventure Ghat of The Only



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	<p>the beautiful white horse, The Tale of melon city (p), Jumbled words, Editing, Notices, Letter to editor, Letter of enquiry.</p>	<p>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>marriage, Mcqs on notices, Letters,Speech, Debate,Grammar</p>	<p>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 Equations</p> <p>6) Probability (Including Periodic syllabus)</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> <p>9)limits and derivatives</p> <p>10) Statistics.</p> <p>11)Linear inequalities</p> <p>12)The circles</p>



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SUBJECT	Periodic I	Term I	Periodic II	Term II
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	Term I	PERIODIC II	Term II
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 data, Cloud Computing Practical File



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Psychology	What is Psychology? Methods of Enquiry in Psychology.	What is Psychology? , Methods of enquiry in Psychology, The bases of Human Behavior, Human Development	Sensory Attention & Perceptual Processes, Learning.	Syllabus covered till Periodic II & in addition to this : Human Memory, The Entire syllabus completed, throughout the year will be revised & tested.
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