



LORETO CONVENT SCHOOL

Tara Hall, Shimla-171003

Class: 12 Arts				
SUBJECT	Periodic I	Half Yearly	Periodic II	Annual
HISTORY	<p>Unit I: (600 BCE-600 CE)</p> <p>The Harappan Civilization, Early States & Economics, Early Societies.</p>	<p>1. <u>Harappan Civilization</u></p> <p>2. <u>Kings, Farmers & Towns</u></p> <p>3. <u>Kinship, Caste & Class</u></p> <p>4. <u>Thinkers, Beliefs & Buildings</u></p> <p>5. <u>An Imperial Capital Vijayanagara</u></p> <p>6. <u>Peasants, Zamindars & State</u></p> <p>7. <u>Kings & Chronicles. Map work related to the above mentioned chapters.</u></p>	<p>Bhakti & Sufi Tradition</p> <p>Unit III: Colonialism & country side, Rebels & The Raj.</p> <p>(Map related to these chapter).</p>	<p>Unit III: Kings & Chronicles, Colonialism & country side, Rebels & The Raj, Mahatma Gandhi & The Nationalist Movement, Framing the constitution.</p> <p>Map Question based on all the chapters.</p>
Political Science	<p>Contemporary World Politics: The Cold War Era, The End of Bipolarity, US Hegemony in world Politics, Alternative Centers of Power</p>	<p>Cold War Era, The end of Bipolarity, New centres of power, United Nations and its organization, Security in Contemporary world, Environment and Natural Resource, Globalisation, Challenges of Nation Building, NITI AAYOG</p>	<p>Challenges of Nation Building, Era of one Party Dominance, Politics of Planned Development.</p>	<p>India's External Relation, Challenges and Restoration of Congress System, The Crisis of Democratic order, Rise of Popular Movements, Regional Aspiration Recent Developments in Indian Politics.</p> <p>(Including Periodic I + Half Yearly + Periodic II)</p> <p>Entire chapters of Both the Books.</p>

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English	The Last Lesson, My Mother At Sixty-Six (p), Wizard Hit Mommy.	Flamingo- 1. Last Lesson, Lost Spring, Deep Water, Rattrap, My mother at sixty six, Elementary School classroom in a slum, Keeping quiet, A thing of beauty, Aunt Jennifer's Tigers Vistas- 1. Third Level 2. Should wizard hit mommy	Indigo, On the face of it, Invitations and replies, Notices, Resume letter, Letters, Advertisements	Evans Tries o level, Third Level Indigo (Including Periodic I + Half Yearly + Periodic II)
	Writing Skills Notices, The Editor, Letters, Job Applications with Resume. Advertisements.			The entire Writing Skills will be Practiced. (Including Periodic I + Half Yearly + Periodic II)
Mathematics	Relation, Functions, Inverse Trigonometric Functions, Matrices and Determinants. Adjoint and inverse.	Relation, Functions, Inverse Trigonometric Functions, Matrices and Determinants. Higher order Differentiation Derivatives, Application of Derivatives, as rate measures Differentiations. Solution of simultaneous equations continuity differentiability (Including all the topics of Periodic-I).	1)Linear programming 2)indefinite integrals 3)Definite integrals	1)Indefinite integrals 2)Definite integrals 3)Area bounded regions 4)Differential equation 5)Algebra of vectors 6)Scalar and vector product 7)Straight lines 8)The plane 9)PROBABILITY 10)Three dimensional Geometry



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<p>Physical Education</p>	<p>Planning in Sports, Sports and Nutrition, Yoga and Life Style.</p>	<p>Unit 1 :- Planning in sport</p> <p>Unit 2 :- Sport & nutrition</p> <p>Unit 5 :- Children & women in sports</p> <p>Unit 6:- Test & measurement in sports</p> <p>Unit 8:- biomechanics & sports</p> <p>Practical :-</p> <p>Project File</p> <p>(About one sport/game of choice)</p> <p>Demonstration of Fitness Activity</p> <p>Viva Voce(from Project file; fitness)</p>	<p>1.Test and Measurement in sports</p> <p>2.Biomechanics and sports</p>	<p>Unit 3 :- Yoga and life style</p> <p>Unit 4 : - Physical education & sports for CWSN</p> <p>Unit 7:- Physiology and injuries in sports</p> <p>Unit 9 :- Psychology & sports</p> <p>Unit 10 :- Training in sports</p> <p>Practical :-</p> <p>Project file (Yoga and General Motor Fitness Test)</p> <p>Demonstration of fitness activity/Yoga</p> <p>Viva voce (From Project file General Motor Fitness; Yoga)</p>
<p>Economics</p>	<p>1. Indian Economy on the Eve of Independence.</p> <p>Indian economy 1950-1990</p>	<p>1. Strategy of Industrial Growth</p> <p>2. Indian's foreign trade</p> <p>3. Poverty.</p> <p>4.Liberalization, Privatization, Globalization.</p> <p>(Including Periodic 1).</p>	<p>1. New Economic Policy.</p> <p>2. Human Capital Formation.</p>	<p>1. Rural Development</p> <p>2. Employment & Unemployment</p> <p>3. Infrastructure</p> <p>4. Sustainable Development.</p> <p>(Including Periodic I+ Half Yearly+ Periodic II)</p>



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	Book-II National Income and Aggregates.	National Income, Money, Banking, Foreign Exchange, Budget & Balance of Payment (Including Periodic I)	Aggregate Demand, Aggregate Supply.	Entire Syllabus
Geography	1. Human Geography- (Nature and scope) 2. The world population, 3. Population: (Distribution, Density and Growth and Composition). 4. Migration	(HUMAN GEOGRAPHY) 1. Human Geography- (Nature and scope) 2. The world population Distribution, density, growth. 3. Population composition 4. Human Development 5. Primary Activities Map of World (INDIA PEOPLE AND ECONOMY) 1. Population: Distribution, Density, Growth and Composition. 2. Migration: Type, Causes and consequences. 3. Human Settlements 4. Water Resources Map of India.	1 Secondary Activities 2. Tertiary and Quaternary activities 3. Planning and Sustainable Development in Indian context.\ 4. Transport and Communication (Human Geography) map of world..	(HUMAN GEOGRAPHY) 1 Secondary Activities 2. Tertiary and Quaternary activities 3 Transport and communication Map of World (India People and economy) 1. Mineral and energy resources 2. Planning and Sustainable development in Indian context 3. Transport and Communication 4. Geographical Perspective on selected Issues and problems. Map of India.
Psychology	1. Variations in Psychological Attributes 2. Self and	1. Variations in Psychological Attributes 2. Self and	1. Therapeutic Approaches 2. Attitude and social Cognition	1. Social influence and group Processes (Including Periodic I+ Half Yearly+ Periodic II)



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<p>Computer</p>	<p>Data structures in Pandas - series, DataFrames, Different operations of dataframe, using functions</p>	<p>About Pandas, Series and Data Frame Structure, Pandas Data Structure, Accessing a Series Object and its Elements, Extracting Slice from Series Object, head()/tail(), different operation on series and Data Frame(Indexing, Re-indexing, Renaming ,adding, deleting,, modifying rows and column. Iterating over a DataFrame, use of functions: min, max, mode, mean, median, count, sum, quantile, std, var, CSV/Text files,</p> <p>Data Visualization, Using Pyplot of Matplotlib, Types of Charts, Crating Different types of Charts, Customizing the plot, Histogram,Database Management System SQL Revision Tour, My Sql Functions, Querying using SQL, Join and set operators</p>	<p>Societal Impacts: Introduction Digital Footprint Net and Communication Ethics Ethical Issues Open Sources Philosophy Copyright and other Licenses Cyber Crime Cyber Law and ACT E-Waste Management System Health Concerns With Technology Usage Data Protection: Threats to Data Data Protection Solutions Firewall</p>	<p>Unit 2: Database Query using SQL Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Operations on Relations - Union, Intersection, Minus, Cartesian Product, JOIN (Cartesian Join, Equi Join, Natural Join)</p> <p>Unit 3: Introduction to Computer Networks Introduction to networks, Network Topologies: Star, Bus, Tree, Mesh.</p> <p>Unit 4: Societal Impacts</p> <p>Unit-1 Complete Project work Practical File</p>
	<p>Personality</p>	<p>Personality</p> <p>3. Metting Life Challenges</p> <p>4. Psychological Disorders</p>		