



# LORETO CONVENT SCHOOL

Tara Hall, Shimla-171003

Class 12 Commerce				
SUBJECT	Periodic I	Half Yearly	Periodic II	Annual
<b>Accountancy</b>	Accounting for Partnership firms, Good will- Nature and Valuation, Change in Profit Sharing Ratio.	Admission of a Partner, Retirement /Death of a Partner, Dissolution of Partnership firm.  Non-Profit Organization  (Including Periodic 1)	Ratios, Analysis of financial Statement.	Accounting for Partnership firms, Good will- Nature and Valuation, Change in Profit Sharing Ratio. Admission of a Partner, Retirement /Death of a Partner, Dissolution of Partnership firm, Analysis of financial Statement.  Shares, Debentures, Cash flow statement, Non-profit organization, Ratios.
<b>Business Studies</b>	Principles of Management  Business Environment.  Nature and Significance of Management, Planning.	Organizing, Directing, Staffing, Controlling.  (Including Periodic 1)	Financial Markets and Marketing Management	Consumer Protection...  (Including Periodic I + Half Yearly + Periodic II).
<b>Economics</b>	1. Indian Economy on the Eve of Independence.  2. Five Year Plans  3. Features Problems and Policies of Agriculture.	1. Strategy of Industrial Growth  2. Indian's foreign trade.  3. Poverty.  4. Liberalization, Privatization, Globalization.  (Including Periodic 1).	1. New Economic Policy.  2. Human Capital Formation.	1. Rural Development  2. Employment & Unemployment  3. Infrastructure  4. Sustainable Development.  (Including Periodic I+ Half Yearly+ Periodic II)



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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
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SUBJECT	Periodic I	Half Yearly	Periodic II	Annual
<b>English</b>	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, Advertisements.  (Including Periodic I + Half Yearly + Periodic II)
	Writing Skills  Notices, Letters to The Editor, Letters of Enquiry, Letters of Complaint, Letters to Place Orders, Job Applications with Resume.	-		The entire Writing Skills will be Practiced.  (Including Periodic I + Half Yearly + Periodic II)



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<b>Mathematics</b>	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.	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
<b>Physical Education</b>	Planning in Sports, Sports and Nutrition, Yoga and Life Style.	Unit 1 :- Planning in sport  Unit 2 :- Sport & nutrition  Unit 5 :- Children & women in sports  Unit 6:- Test & measurement in sports  Unit 8:- biomechanics & sports  Practical:-  Project File  (About one sport/game of choice)  Demonstration of Fitness Activity  Viva Voice(from Project file; fitness )	1.Test and Measurement in sports 2.Biomechanics and sports	Unit 3 :- Yoga and life style  Unit 4 :- Physical education & sports for CWSN  Unit 7:- Physiology and injuries in sports  Unit 9 :- Psychology & sports  Unit 10 :- Training in sports  Practical :-  Project file (Yoga and General Motor Fitness Test )  Demonstration of fitness activity/Yoga  Viva voce ( From Project file General Motor Fitness; Yoga )



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<b>Applied Mathematics</b>	1. Algebra (Matrices and determinants) 2. Input-output model 3. Calculus (Derivatives) 4. Index Number and Time based data.	1. Numbers, Quantification and Numerical application. 2. Algebra 3. Calculus 4. Probability Distribution 5. Index numbers and time -based series	Probability, Inferential statistics	<u><b>1. Calculus (continued)</b></u> <u><b>2. Inferential statistics</b></u> <u><b>3. Index numbers and time-based series ( continued)</b></u> <u><b>4. Financial mathematics</b></u> <u><b>5. Linear Programming</b></u>
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<p><b>Computer</b></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><b>Data Visualization</b>, Using Pyplot of Matplotlib, Types of Charts, Crating Different types of Charts, Customizing the plot, Histogram,<b>Database Management System SQL</b> Revision Tour, My Sql Functions, Querying using SQL, Join and set operators</p>	<p><b>Societal Impacts:</b> 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 <b>Data Protection:</b> Threats to Data Data Protection Solutions Firewall</p>	<p><b>Unit 2: Database Query using SQL</b> 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><b>Unit 3: Introduction to Computer Networks</b> Introduction to networks, Network Topologies: Star, Bus, Tree, Mesh.</p> <p><b>Unit 4: Societal Impacts</b></p> <p><b>Unit-1 Complete</b> <b>Project work</b> <b>Practical File</b></p>
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