

FR. AGNEL SCHOOL, NEW DELHI
HALF YEARLY SYLLABUS (2020-21)
CLASS XII

SUBJECT	SYLLABUS
ENGLISH	Writing Skill (notice, advertisements, invitations and replies, formal letters (placing order, registering complaint, cancelling order, making enquiries) letter to the editor, article, report) Literature (Flamingo: The Last Lesson, Lost Spring, Indigo, Deep Water, The Rattrap, My Mother at Sixty-six, An Elementary School Classroom in a Slum, A Thing of Beauty, Keeping Quiet. Vistas: The Tiger King, The Enemy, The Third Level, Journey to the End of the Earth)
MATHEMATICS	Ch 1. Relations and Functions Ch 2. Inverse Trigonometric Functions Ch 3. Matrices Ch 4. Determinants Ch 5. Continuity and Differentiability Ch 6. Application of Derivatives Ch 7. Integrals Ch 8. Application of Integration
PHYSICS	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current Chapter–8: Electromagnetic Waves Chapter–9: Ray Optics and Optical Instruments
CHEMISTRY	Unit 1 Solid state Unit 2 Solutions Unit 3 Electrochemistry Unit 4 Chemical Kinetics Unit 10 Haloalkanes and Haloarenes Unit 11 Alcohols, Phenols, ethers Unit 12 Aldehydes, ketones, carboxylic acids Unit 13 Amines Unit 14 Biomolecules Unit 7 p block (upto portions covered)
BIOLOGY	CH2-Sexual reproduction in flowering plants. CH3-Human Reproduction CH4-Reproductive health. Ch5- Principles of Inheritance & Variations Ch8-Human Health & diseases. Ch9-Strategies for enhancement in food production. CH 10-Microbes in Human Welfare.
COMPUTER SCIENCE	1. Functions 2. Python Libraries (Modules & Packages) 3. Data File Handling 4. Data Structures 5. Computer Networks

ACCOUNTANCY	<ol style="list-style-type: none"> 1. Accounts of Non Profit Organizations 2. Partnership - Fundamentals 3. Goodwill valuation 4. Change in profit sharing ratio 5. Admission of a partner 6. Retirement of a partner 7. Death of a partner 8. Dissolution of Partnership Firm 9. Accounting for Share Capital
B.STUDIES	<ol style="list-style-type: none"> 1. Nature & significance of management, 2. Principles of management, 3. Business Environment, 4. Planning, 5. Organising, 6. Staffing, 7. Directing, 8. Controlling
ECONOMICS	<p>Indian Economic Development: Indian Economy on the eve of Independence, Indian Economy (1950-90), Economic Reforms (LPG), Poverty, Human Capital Formation, Rural Development. Macro Economics: National Income (full), Money and Money Supply, Banking, Government Budget</p>
IP	<ol style="list-style-type: none"> 1. Python Pandas 2. Data Visualization using Pyplot 3. RDBMS-MySQL 4. Networking
GEOGRAPHY	<p>Book 1: Fundamentals of Human Geography Ch 1: Human Geography Nature and Scope Ch 2: The World Population Distribution, Density and Growth Ch 3: Population Composition Ch 4: Human Development Ch 5: Primary Activity Ch 6: Secondary Activity Ch 7: Tertiary and Quaternary Activities Ch 8: Transport and Communication Ch 9: International Trade Ch 10: Human Settlements</p>
POLITICAL SCIENCE	<p>Part A: Contemporary World Politics 1. Cold War Era and Non - Aligned Movement 2. The End of Bipolarity 3. New Centres of Power 4. South Asia and the Contemporary World 5. United Nations and its Organisation 6. Globalization</p>
PSYCHOLOGY	<p>chapter 1 variations in psychological attributes, chapter 2 self and personality, chapter 3 meeting life challenge, chapter 4 psychological disorders, chapter 5 therapeutic approaches</p>

SOCIOLOGY	Book1- Ch2-The Demographic Structure of Indian Society, Ch3- Social Institutions, Ch4-Market as a social institution, Ch5-Patterns of Social Inequality and Exclusion, Ch6-The Challenges of cultural diversity, Book2- Ch1- Structural Change, Ch2-Cultural Change
PHYSICAL EDUCATION	1. Planning in sports 2. Sports and nutrition 3. Yoga and lifestyle 4. Physical education and sports for CWSN 5. Children and women in sports 6. Test and measurement in sports