



SOMERVILLE SCHOOL, GREATER NOIDA
SYLLABUS FOR FINAL TERM EXAMINATION
CLASS 11 (2023-24)

SUBJECTS	SYLLABUS
ENGLISH	<p>READING SECTION Comprehension Note making</p> <p>WRITING SKILLS Poster Making Classified Advertisements Speech Writing Debate Writing</p> <p>HORNBILL: PROSE L1: The Portrait of a Lady L 2: We're not afraid to dieif we can all be together L3. Discovering Tut: the Saga Continues L4: The Adventure L5: Silk Road</p> <p>POETRY P1: A Photograph P2: Laburnum Top P3. Voice of the Rain P4: Childhood P5: Father to Son</p> <p>SNAPSHOTS: L1. The Summer of the Beautiful White Horse L2-The Address L3: Mother's Day L4: Birth L5: The Tale of Melon City</p>



PHYSICS	<p>Ch 1-Units and measurement Ch 2- Motion in a straight line Ch 3- Motion in a plane Ch 4- Laws of motion Ch 5- Work Energy and Power Ch 6- Systems of particles in rotational Motion Ch 7- Gravitation Ch 8 - Mechanical Properties of solids Ch 9 - Mechanical Properties of fluids Ch 10 – Thermal properties of matter Ch 11 – Kinetic theory of gases Ch 12 – Thermodynamics Ch 13 – Oscillations Ch 14 - Waves</p>
CHEMISTRY	<p>Ch 1- Some basic concepts of chemistry Ch 2 - Structure of atom Ch 3 - Classification of elements and periodicity in properties Ch 4 - Chemical bonding and molecular structure Ch 5 - Thermodynamics Ch 6 – Equilibrium Ch 7 – Redox reactions Ch 8 - Organic chemistry: Some basic principles and techniques Ch 9- Hydrocarbons</p>
GEOSPATIAL TECHNOLOGY	<p>PART A- Employability Skills Unit 1 - Communication Skills-III Unit 2 - Self-Management Skills-III Unit 3 - ICT Skills – III Unit 4 - Entrepreneurial Skills – III Unit 5 - Green Skills – III</p> <p>PART B - Subject Specific Skills Unit 1- Geospatial Overview Unit 2- Maps & Cartography Unit 3 - Remote Sensing Unit 4 - Geographical Information System (GIS) Unit 5 – Global Positioning System (GPS)</p>



BIOLOGY	<p>Ch 1-The living world Ch 2-Biological Classification Ch 3- Plant Kingdom Ch 4- Animal kingdom Ch 5 – Morphology of Flowering Plants Ch 6 - Anatomy of Flowering Plants Ch 7 – Structural Organisation in Animals Ch 8 – Cell – The Unit of Life Ch 9 - Biomolecules Ch 10 – Cell Cycle and Cell Division Ch 13 - Photosynthesis in Higher plants Ch 14 - Respiration in Plants Ch 15 – Plant – Growth and Development Ch 17 – Breathing and Exchange of gases Ch 18- Body fluid and circulation Ch 19 -Excretory products and their elimination Ch 20 -Locomotion and Movement Ch 21- Neural control and Coordination Ch 22- Chemical coordination and Integration</p>
MATHEMATICS	<p>MATHEMATICS (SCIENCE STREAM) Ch 1 - Sets Ch 2 - Relations and Functions Ch 3 - Trigonometric Functions Ch 4 - Complex Numbers Ch 5- Linear Inequalities Ch 6 - Permutations and Combinations Ch 7 - Binomial Theorem Ch 8 - Sequences and Series Ch 9 - Straight Lines Ch 10 - Conic Sections Ch 11 - Introduction to 3 D Geometry Ch 12 - Limits & Derivatives Ch 13 – Statistics Ch 14 - Probability</p>
HISTORY	<p>Theme 2 - Writing and City Life Theme 3 - An Empire Across Three Continents Theme 5 - Nomadic Empires Theme 6 - The Three Orders Theme 7 - Changing Cultural Traditions Theme 10 - Displacing Indigenous Peoples Theme 11- Paths to Modernization</p>



PSYCHOLOGY	<p>Chapter 1 - What is Psychology?</p> <p>Chapter 2 - Methods of Enquiry in Psychology</p> <p>Chapter 4 - Human Development</p> <p>Chapter 5 - Sensory, Attentional and Perceptual Processes</p> <p>Chapter 6 - Learning</p> <p>Chapter 7 - Human Memory</p> <p>Chapter 8 - Thinking</p> <p>Chapter 9 - Motivation and Emotion</p>
POLITICAL SCIENCE	<p>Book 1- Indian Constitution</p> <p>Ch 1 - Constitution Why and How?</p> <p>Ch 2 - Rights in the Constitution</p> <p>Ch 3 - Election and Representation</p> <p>Ch 4- Executive</p> <p>Ch 5- Legislature</p> <p>Ch 6 - Judiciary</p> <p>Ch 7 - Federalism</p> <p>Ch 8 - Local Governments</p> <p>Ch 9- Constitution as a Living Document</p> <p>Ch 10 - Philosophy of Constitution</p> <p>Book 2- Political Theory</p> <p>Ch 1 - Introduction to Political Theory</p> <p>Ch 2- Freedom</p> <p>Ch 3- Equality</p> <p>Ch 4 – Social Justice</p> <p>Ch 5- Rights</p> <p>Ch 6- Citizenships</p> <p>Ch 7 - Nationalism</p> <p>Ch 8 - Secularism</p>
ACCOUNTANCY	<p>Ch -Introduction to Accounting</p> <p>Ch- Basic Accounting terms</p> <p>Ch - Fundamental Accounting Assumptions, Concepts</p> <p>Ch - Basis of Accounting</p> <p>Ch - Accounting Equation</p> <p>Ch- Rules of Accounting-debit & credit</p> <p>Ch - Journal & Ledger</p> <p>Ch - Trial balance & goods and service tax (only theory)</p> <p>Ch- Cash book-1</p>



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	OTHER BOOKS/ SUBSIDIARY BOOKS Ch - Depreciation, Provision & Reserves Ch - Rectification of errors Ch - Bank Reconciliation statement Ch – Final Accounts (with and without adjustments) Ch – Accounts from incomplete records (Single Entry system)
BUSINESS STUDIES	Nature and Purpose of Business Ch - Forms of Business Organisations Ch - Public, Private and Global Enterprises Ch - Business Services Ch -Emerging Modes of Business Ch - Social Responsibility of Business and Business Ethics Ch - Source of Business finance Ch - Small Business Ch - Internal Trade Ch – International Trade / Business
ECONOMICS	BOOK - MICROECONOMICS CH- Introduction CH- Consumer's Equilibrium CH- Theory of Demand CH- Elasticity of Demand CH- Production Function CH- Cost, Revenue & Producer's equilibrium CH - Supply and its elasticity CH- Forms of Market and Price determination and simple application BOOK - STATISTICS CH- Introduction CH- Collection, Organization & Presentation of Data CH- Measures of Central Tendency (Mean, Median & Mode) CH – Correlation CH – Index Numbers
COMPUTER SCIENCE	Ch - Getting started with Python Ch - Python Programming Fundamentals Ch- Conditional and Looping Constructs Ch - Strings Ch - Computer Organisation Ch - Lists Ch - Tuple and dictionary Ch - Introduction to Python Modules Ch – Society Law and Ethics



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PHYSICAL EDUCATION	Unit 1- Changing Trends and career in physical education Unit 2- Olympism Unit 3-Yoga Unit 4-Physical Education and Sports for CWSN Unit 5- Physical fitness, health and wellness Unit 6- Test Measurement and Evaluation Unit 7- Fundamentals of Anatomy, Physiology in sports Unit 8- Fundamentals of Kinesiology and Biomechanics in Sports Unit 9- Psychology and Sports Unit 10- Training and Doping in Sports
PAINTING	Complete book. All units
APPLIED MATHEMATICS	COMMERCE & HUMANITIES Ch - Sets Ch - Relations and Functions Ch - Indices and Logarithms Ch - Permutations and Combinations Ch - Probability Ch - Financial Mathematics Ch – Straight Lines Ch – Circles Ch – Parabola Ch – Limits Ch – Continuity Ch – Differentiation Ch – Statistics (Mean Deviation, Variance, Standard Deviation, Quartile, Decile and Percentile) Ch – Sequences and Series