

**SOMERVILLE SCHOOL
VASUNDHARA ENCLAVE, DELHI-96
CLASS-XI FINAL EXAM SYLLABUS
2025-2026**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<p>1. READING COMPREHENSION:</p> <ul style="list-style-type: none"> ● UNSEEN PASSAGE (FACTUAL, DESCRIPTIVE OR LITERARY) ● CASE BASED UNSEEN PASSAGE (WITH VERBAL/ VISUAL INPUTS LIKE STATISTICAL DATA, CHARTS) ● UNSEEN PASSAGE FOR NOTE MAKING AND SUMMARISING (FACTUAL OR LITERARY) <p>2. WRITING SKILLS:</p> <p>SHORT WRITING TASKS</p> <ol style="list-style-type: none"> 1. CLASSIFIED ADVERTISEMENTS 2. POSTER 3. INVITATIONS (FORMAL LETTER & CARD) <p>LONG WRITING TASKS</p> <ol style="list-style-type: none"> 1. LETTER TO THE EDITOR 2. JOB APPLICATION 3. SPEECH & DEBATE <p>3. GRAMMAR</p> <ul style="list-style-type: none"> - VERB FORMS (TENSES) & CLAUSES - RE-ORDERING OF SENTENCES <p>4. LITERATURE:</p> <p>BOOK - HORN BILL (PROSE)</p> <ol style="list-style-type: none"> 1. THE PORTRAIT OF A LADY 2. "WE'RE NOT AFRAID TO DIE... IF WE CAN ALL BE TOGETHER 3. DISCOVERING TUT: THE SAGA CONTINUES 4. SILK ROAD <p>BOOK - HORN BILL (POETRY)</p> <ol style="list-style-type: none"> 1. A PHOTOGRAPH 2. THE LABURNUM TOP 3. THE VOICE OF THE RAIN 4. CHILDHOOD 5. FATHER TO SON <p>BOOK - SNAPSHOTS (SUPPLEMENTARY READER)</p> <ol style="list-style-type: none"> 1. THE SUMMER OF THE BEAUTIFUL WHITE HORSE 2. THE ADDRESS

		3. MOTHER'S DAY(PLAY) 4. THE TALE OF MELON CITY(POEM) 5. BIRTH
2.	MATHEMATICS	CHAPTER-1SETS CHAPTER-2 RELATIONS AND FUNCTIONS CHAPTER-3 TRIGONOMETRIC FUNCTIONS CHAPTER-4 COMPLEX NUMBER AND QUADRATIC EQUATIONS CHAPTER- 5 LINEAR INEQUALITIES CHAPTER-6 PERMUTATIONS AND COMBINATIONS CHAPTER-7 BINOMIAL THEOREM CHAPTER-8 SEQUENCES AND SERIES CHAPTER-9 STAITGH LINES CHAPTER-10 CONIC SECTIONS CHAPTER-11 INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY CHAPTER-12 LIMITS AND DERIVATIVES CHAPTER-13 STATISTICS CHAPTER-14 PROBABILITY
3.	APPLIED MATHS	UNIT-1 NUMBERS,QUANTIFICATIONS AND NUMERICAL APPLICATIONS UNIT-2 ALGEBRA[SETS AND RELATIONS, SEQUENCES AND SERIES, PERMUTATIONS AND COMBINATIONS] UNIT-3 MATHEMATICAL REASONING UNIT- 4 CALCULUS UNIT-5 PROBABILITY UNIT-6 DESCRIPTIVE STATISTICS UNIT-7 BASICS OF FINANCIAL MATHEMATICS UNIT-8 COORDINATE GEOMETRY
4.	CHEMISTRY	L-1 SOME BASIC CONCEPTS OF CHEMISTRY L-2 STRUCTURE OF ATOM L-3 CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES L-4 CHEMICAL BONDING AND MOLECULAR STRUCTURE L-5 THERMODYNAMICS L-6 EQUILIBRIUM L-7 REDOX REACTIONS L-8 ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUES L-9 HYDROCARBONS

5.	PHYSICS	UNIT-I PHYSICAL WORLD AND MEASUREMENT UNIT-II KINEMATICS UNIT-III LAWS OF MOTION UNIT-IV WORK, ENERGY AND POWER UNIT-V MOTION OF SYSTEM OF PARTICLES AND RIGID BODY UNIT-VI GRAVITATION UNIT-VII PROPERTIES OF BULK MATTER UNIT-VIII THERMODYNAMICS UNIT-IX KINETIC THEORY OF GASES UNIT-X OSCILLATIONS AND WAVES
6.	BIOLOGY	CHAPTER 2: BIOLOGICAL CLASSIFICATION CHAPTER 3: PLANT KINGDOM CHAPTER 4: ANIMAL KINGDOM CHAPTER 5: MORPHOLOGY OF FLOWERING PLANTS CHAPTER 6: ANATOMY OF FLOWERING PLANTS CHAPTER 7: STRUCTURAL ORGANISATION OF ANIMALS CHAPTER 8: CELL: THE UNIT OF LIFE CHAPTER 9: BIOMOLECULES CHAPTER 11: PHOTOSYNTHESIS IN HIGHER PLANTS CHAPTER 12: RESPIRATION IN PLANTS CHAPTER 13: PLANT GROWTH AND DEVELOPMENT CHAPTER 14: BREATHING AND EXCHANGE OF GASES CHAPTER 15: BODY FLUIDS AND CIRCULATION CHAPTER 16: EXCRETORY PRODUCTS AND THEIR ELIMINATION CHAPTER 17: LOCOMOTION AND MOVEMENT CHAPTER 18: NEURAL CONTROL AND COORDINATION CHAPTER 19: CHEMICAL CONTROL AND INTEGRATION
7.	HISTORY	THEME 1: WRITING AND CITY LIFE THEME 2: AN EMPIRE ACROSS THREE CONTINENTS THEME 3: NOMADIC EMPIRES THEME 4: THE THREE ORDERS THEME 5: CHANGING CULTURAL TRADITIONS THEME 6: DISPLACING INDIGENOUS PEOPLES THEME 7: PATHS TO MODERNISATION MAP WORK OF THE RELATED THEMES
8.	ECONOMICS	PART A: STATISTICS FOR ECONOMICS INTRODUCTION COLLECTION, ORGANISATION, PRESENTATION OF DATA STATISTICAL TOOLS AND INTERPRETATION PART B: INTRODUCTORY MICROECONOMICS INTRODUCTION CONSUMER'S EQUILIBRIUM AND DEMAND PRODUCER BEHAVIOUR AND SUPPLY FORMS OF MARKET AND PRICE DETERMINATION UNDER PERFECT COMPETITION WITH SIMPLE APPLICATIONS OF DEMAND AND SUPPLY

9.	POLITICALSCIENCE	<p>PART A:INDIAN CONSTITUTION AT WORK</p> <p>CH1- CONSTITUTION: WHY AND HOW? CH 2- RIGHTS IN THE INDIAN CONSTITUTION CH 3 - ELECTION AND REPRESENTATION CH 4- EXECUTIVE CH 5- LEGISLATURE CH 6- JUDICIARY CH 7- FEDERALISM CH 8- LOCAL GOVERNMENTS CH 9- CONSTITUTION AS A LIVING DOCUMENT CH 10 -THE PHILOSOPHY OF THE CONSTITUTION</p> <p>PART B:POLITICAL THEORY</p> <p>CH 1- POLITICALTHEORY:AN INTRODUCTION CH 2- FREEDOM CH 3- EQUALITY CH 4- SOCIAL JUSTICE CH 5- RIGHTS CH 6- CITIZENSHIP CH 7- NATIONALISM CH 8- SECULARISM</p>
10.	ACCOUNTANCY	<p>1 INTRODUCTION TO ACCOUNTING 2 BASIC ACCOUNTING TERMS 3 THEORY BASE OF ACCOUNTING AND IFRS 4 BASES OF ACCOUNTING 5 ACCOUNTING EQUATION 6 RULES OF DEBIT AND CREDIT 7 VOUCHERS 8 JOURNAL 9 LEDGER 10 CASH BOOK 11 OTHER BOOKS 12 ACCOUNTING FOR GST 13 BANK RECONCILIATION STATEMENT 14 TRIAL BALANCE 15 DEPRECIATION 16 PROVISION AND RESERVES 17 RECTIFICATION OF ERRORS 18 FINANCIAL STATEMENTS 19 ADJUSTMENTS IN FINANCIAL STATEMENTS 20 ACCOUNTS FROM INCOMPLETE RECORDS-SINGLE ENTRY SYSTEM.</p>

11.	BUSINESS STUDIES	1 BUSINESS TRADE AND COMMERCE 2 FORMS OF BUSINESS ORGANISATION INCLUDING FORMATION OF A COMPANY 3 PRIVATE, PUBLIC AND GLOBAL ENTERPRISES 4 BUSINESS SERVICES 5 EMERGING MODES OF BUSINESS 6 SOCIAL RESPONSIBILITIES OF BUSINESS AND BUSINESS ETHICS 7 SOURCES OF BUSINESS FINANCE 8 SMALL BUSINESS AND ENTREPRENEURSHIP 9 INTERNAL TRADE 10 INTERNATIONAL BUSINESS
12.	PSYCHOLOGY	UNIT-I WHAT IS PSYCHOLOGY? UNIT-II METHODS OF ENQUIRY IN PSYCHOLOGY UNIT-III HUMAN DEVELOPMENT UNIT-IV SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES UNIT-V LEARNING UNIT -VI HUMAN MEMORY UNIT-VII THINKING UNIT- VIII MOTIVATION AND EMOTION
13.	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 UNIT7-FUNDAMENTAL OF ANATOMY PHYSIOLOGY IN

		SPORTS UNIT 8-FUNDAMENTAL OF KINESIOLOGY AND BIOMECHANICS IN SPORTS UNIT 9-PSYCHOLOGY AND SPORTS UNIT 10-TRAINING AND DOPING IN SPORTS
14.	COMPUTERSCIENCE	CHAPTER 1 - COMPUTER SYSTEM AND ORGANIZATION CHAPTER 2 - DATA REPRESENTATION AND BOOLEAN LOGIC CHAPTER 3 - GETTING STARTED WITH PYTHON CHAPTER 4 - PYTHON PROGRAMMING FUNDAMENTALS CHAPTER 5 - CONDITIONAL AND LOOPING CONSTRUCTS CHAPTER 6 -STRINGS IN PYTHON CHAPTER 7- LISTS IN PYTHON CHAPTER8-TUPLES AND

		DICTIONARY CHAPTER9 - INTRODUCTION TO PYTHON MODULES CHAPTER 10 - SOCIETY, LAW AND ETHICS CHAPTER11-CYBER SAFETY
15.	APPLIED ART	UNIT ONE-PREHISTORIC ROCK PAINTING AND ART OF INDUS VALLEY CIVILIZATION UNIT TWO -BUDDHIST JAIN AND HINDU ART UNIT THREE-TEMPLES CULPTURE AND ARTISTIC ASPECT OF INDO ISLAMIC ARCHITECTURE
16.	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS: UNIT-1 COMMUNICATION SKILLS III UNIT-2 SELF MANAGEMENT SKILLS III UNIT-3 ICT SKILLS III UNIT-4 ENTREPRENEURSHIP SKILLS III UNIT-5 GREEN SKILLS III SUBJECT SPECIFIC: UNIT-1 COMPUTER ORGANIZATION UNIT-2 NET WORKING AND NTERNET UNIT-3 OFFICE AUTOMATION TOOLS UNIT-4 RDBMS UNIT-5 FUNDAMENTALS TO JAVA PROGRAMMING

