



ST. DOMINIC SAVIO E.M. SCHOOL, LALITPUR

SYLLABUS FOR CLASS – XI

Session 2026-27

Subject	Quarterly Examination	Half yearly Examination	Annual Examination
English Lit	Quarterly Examination Drama: Macbeth - Act I – Scenes 1, 2, 3 & 4 Prose (Prism) - The Paper Menagerie - Advice to Youth Poetry - Rhapsody - Why I Like the Hospital - Sonnet 116	Drama: Macbeth - Act I – Scenes 5, 6 & 7 Prose (Prism) - A Living God - Thank You, Ma'am Poetry - Rhapsody - Abhisara: The Tryst - Strange Meeting	Drama: Macbeth - Acts I & II Prose (Prism) - A Living God - Advice to Youth - The Paper Menagerie - The Great Automatic Grammatizator - Thank You, Ma'am Poetry - Rhapsody - Abhisara: The Tryst - Why I Like the Hospital - Sonnet 116 - Death of a Naturalist - Strange Meeting

English Lang	• Composition Writing • Directed Writing • Comprehension • Functional Grammar • Article Writing • Report Writing • Speech Writing Unit: 1 to 5	• Composition Writing • Directed Writing • Comprehension • Functional Grammar • Blog Writing • Article Writing • Report Writing • Speech Writing • Statement of Purpose (SOP) • Book Review Unit: 6 to 10	• Composition Writing • Directed Writing • Comprehension • Functional Grammar • Blog Writing • Article Writing • Report Writing • Speech Writing • Statement of Purpose (SOP) • Book Review Unit: 1 to 15
Mathematics	1) Sets 2) Relations and functions 3) Angle and Arc Lengths 4) Trigonometric functions 8) Inequalities 12) Basic concepts of points and their coordinates 15) Parabola	6) Complex Numbers 7) Quadratic Equations 10) Binomial theorem 11) Sequence and series 13) Straight line 19) Limits 20) Differentiation 21) Measure of dispersion	1) Sets 2) Relations and functions 3) Angle and Arc Lengths 4) Trigonometric functions 6) Complex Numbers 7) Quadratic Equations 8) Inequalities 10) Binomial theorem 11) Sequence and series 12) Basic concepts of points and their coordinates 13) Straight line 15) Parabola 19) Limits 20) Differentiation 21) Measure of dispersion

Hindi	Hindi Lang Essay writing, Unseen passage, Idioms & Sentences. Hindi Lit - Gadhya Sankalan Chapter 1 - Putra - Prem Chapter 2 - Gauri Kavya Manjari - Poem 1 - Saakhi Poem 2 - Bal Leela Aashad Ka Ek Din (Drama) Page no - 01 to 30.	Hindi Lang Essay writing, Unseen passage, Idioms & Sentences. Hindi Lit. Gadhya Sankalan - Chapter 3 - Sharnagat Chapter 4 - Sati Chapter 1 - Putra Prem Kavya Manjari Poem 3 - Ek Phool ki Chah Poem 4 - Aah Dharti kitna deti hai Poem 1 - Saakhi Aashad ka ek din Page - 31 to 49.	Hindi Lang. Essay writing, Unseen passage, Idioms and Sentences. Hindi Lit. Gadhya Sankalan Chapter 5 Outsider Chapter 1 Putra Prem Chapter 2 Gauri Chapter 3 Sharnagat Chapter 4 Sati Kavya Manjari Poem 5 Nadi Ke Dweep Poem 1 Saakhi Poem 2 Baal-Leela Poem 3 Ek Phool Ki Chaah Poem 4 Aah Dharti Kitna Deti Hai Aashad Ka Ek Din (Drama) Ank 1
Physics	1-Units and Measurements 2-Motion in a Straight Line 3-Motion in a Plane 4-Laws of Motion, Friction and Dynamics of Circular Motion 5-Work, Energy and Power 11-Oscillations (Simple Harmonic Motion)	6-System of Particles and Rotational Motion 7-Gravitation 8-Mechanical Properties of Solids 9-Mechanical Properties of Fluids	10-Thermal Properties of Matter 11-Thermodynamics 12-Kinetic Theory 11-Oscillations (Simple Harmonic Motion) Waves Quarterly + Half Yearly

Chemistry	Chapter 1. Some basic concepts of Chemistry. Chapter 2. Structure of Atom. Chapter 7. Redox Reactions. Chapter 12. Organic chemistry some basic principles and techniques (part I to part IV).	Chapter 3. Classification of Elements and Periodicity in Properties. Chapter 4. Chemical Bonding and Molecular Structure. Chapter 5. Chemical Thermodynamics. Chapter 8. Organic Chemistry: Some basic Principles and Techniques (part V to part VIII).	1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Classification of Elements and Periodicity in Properties 4. Chemical Bonding and Molecular Structure 5. Chemical Thermodynamics 6.A Equilibrium (Chemical Equilibrium. 6.B. Ionic Equilibrium. 7. Redox Reactions 8. Organic Chemistry: Some basic Principles and Techniques (Part I to Part VIII). 9. Hydrocarbons
Biology	*Unit I - Diversity of Living Organisms* Ch. 1. The Living World Ch. 2. Biological Classification *Unit II - Structural Organisation in Animals & Plants* Ch. 5. Morphology of Flowering Plants *Unit III - Cell: Structure and Function* Ch. 8. Cell: The Unit of Life *Unit IV - Plant Physiology* Ch. 13. Photosynthesis in Higher Plants *Unit V - Human Physiology* Ch. 17. Breathing and Exchange of Gases Ch. 18. Body Fluids and Circulation	*Unit I* Ch. 3. Plant Kingdom *Unit II* Ch. 6. Anatomy of Flowering Plants *Unit III* Ch. 9. Biomolecules *Unit IV* Ch. 14. Respiration in Plants *Unit V* Ch. 19. Excretory Products and their Elimination Ch. 20. Locomotion and Movement	*Unit I - Diversity of Living Organisms* Ch. 1. The Living World Ch. 2. Biological Classification *Unit II - Structural Organisation in Animals & Plants* Ch. 5. Morphology of Flowering Plants *Unit III - Cell: Structure and Function* Ch. 8. Cell: The Unit of Life *Unit IV - Plant Physiology* Ch. 13. Photosynthesis in Higher Plants *Unit V - Human Physiology* Ch. 17. Breathing and Exchange of Gases Ch. 18. Body Fluids and Circulation *Unit I* Ch. 3. Plant Kingdom

			Unit II Ch. 6. Anatomy of Flowering Plants *Unit III* Ch. 9. Biomolecules *Unit IV* Ch. 14. Respiration in Plants *Unit V* Ch. 19. Excretory Products and their Elimination Ch. 20. Locomotion and Movement *Unit I* Ch. 4. Animal Kingdom *Unit II* Ch. 7. Animal Tissues *Unit III* Ch. 10. Cell Cycle & Cell Division *Unit IV* Ch. 15. Plant Growth and Development *Unit V* Ch. 21. Neural Control and Coordination Ch. 22. Chemical Coordination and Integration
--	--	--	--

Accountancy	Basic Accounting Terms • GAAP • Accounting equation (Meaning and usefulness, Simple Question) • Meaning and definition of Book-keeping, Accounting and Accountancy • Double Entry System • Journal: Recording of entries in journal with narration • Accounting for GST • Basis of accounting – Cash basis and Accrual basis (Meaning; difference) • Books of Original Entry- Cash Book (Simple, Two Column, Three Column)	• Books of Original Entry- Special Purpose Book • Ledger • Trial Balance • Bank Reconciliation Statement • Depreciation • Accounting Standards • Capital and Revenue • Provisions and Reserves • Final Accounts (Trading, Profit and Loss Account and Balance Sheet of a sole trader, (Horizontal Format) without adjustments)	• Evolution of accounting and Basic Accounting Terms • Accounting equation (Meaning and usefulness) • Meaning and definition of Book-keeping, Accounting and Accountancy • Double Entry System • Journal: recording of entries in journal with narration • Accounting for GST • Books of Original Entry- Cash Book • Books of Original Entry- Special Purpose Book • Ledger • Trial Balance • GAAP • IFRS (International Financial Reporting Standards) - Meaning; Need for IFRS; Fundamental Assumptions in IFRS- Going Concern, Accrual, Measuring Unit, Purchasing Power; difference between IFRS and Indian GAAP; Procedure for implementation of IFRS; India and IFRS. • Basis of accounting – cash basis and accrual basis • Bank Reconciliation Statement • Accounting Standards • Capital and Revenue • Provisions and Reserves • Final Accounts (Trading, Profit and Loss Account and Balance Sheet of a sole trader, (Horizontal Format) without adjustments) • Bills of Exchange • Depreciation • Final Accounts (Preparation of Trading Account, Profit and Loss Account and
-------------	--	---	--

			Balance Sheet with necessary adjustments Entries) • Rectification of Errors • Accounts of Non -Trading Organisation
Business Studies	*Meaning and Features of Business *Classification of Business Activities *Business Ethics and Corporate Social Responsibility. *Forms of Business Organizations *Sole Proprietorship	*Partnership *Joint Stock Company *Types of Company *Formation of a Company *Cooperative Organisation	*Meaning and Features of Business *Classification of Business Activities *Business Ethics and Corporate Social Responsibility. *Forms of Business Organizations *Sole Proprietorship *Partnership *Joint Stock Company *Types of Company *Formation of a Company *Cooperative Organisation *E- Business and E-Commerce – Latest Trends *E Banking-Latest Trends *Wholesale Trade (Wholesalers) *Retail Trade (Retailers) *Risks in Business and Insurance *Types of Insurance

Economics	Definition of Economics Basic Concepts of Economics Basic Problems of an Economy Types of Economies Solutions to the Basic Economic Problems Economic Growth and Development	Parameters of Development Sustainable Development Planning and Economic Development in India Indian Economy: Post-Liberalisation Structural Changes in the Indian Economy after Liberalisation Definition, Scope, Importance and Limitations of Statistics Collection, Organisation and Presentation of Data Measures of Central Tendency	Definition of Economics Basic Concepts of Economics Basic Problems of an Economy Types of Economies Solutions to the Basic Economic Problems Economic Growth and Development Parameters of Development Sustainable Development Planning and Economic Development in India Indian Economy: Post-Liberalisation Structural Changes in the Indian Economy after Liberalisation Problem of Poverty in India Profile of Indian Agriculture and Rural Development Human Capital Formation in India Unemployment in India: Problems and Policies Definition, Scope, Importance and Limitations of Statistics Collection, Organisation and Presentation of Data Measures of Central Tendency Measures of Dispersion Correlation Index Numbers
-----------	--	---	--

Computer Science	SECTION A – HARDWARE • System of Numeration: Binary, Octal, Decimal, Hexadecimal, Interconversion, Binary • Logic Gates: AND, OR, NOT, NAND, NOR, XOR, XNOR • Boolean Identities ,Principle of duality, Boolean Laws, Universal Gates Addition/Subtraction, 1's Complement, 2's Complement, • Propositional Logic: Logical connectives, Truth Tables, WFF, Valid/Satisfiable Formulae • Half Adder SECTION B – JAVA • Revision + Advanced Application of Classes, Objects, Methods using recursion, Constructors, Arrays, Strings, Wrapper Classes, Scope and Visibility • Advanced Array Programs: Searching, Frequency, Duplicate Handling, Merging Arrays • Sorting Techniques: Bubble Sort, Selection Sort • Advanced String Programs: Palindrome, Anagram, Character Frequency, Word Extraction, Encryption Basics etc. • Basic Input/Output using Scanner and String Tokenizer	SECTION A – HARDWARE • Quarterly Portion • Encodings: ASCII, ISCII, Unicode • Full Adder SECTION B – JAVA • Advanced Methods & Constructors: Constructor Overloading, Static Variables/Methods, this keyword, Passing and Returning Objects • Double Dimensional Arrays: Matrix Operations, Diagonal Operations, Row/Column Operations, Matrix Searching • Advanced String Handling and StringBuffer Basics • File Handling: FileReader, FileWriter, Reading, Writing, Appending and Searching SECTION C – PYTHON • Data Processing in Python • Errors: Syntax, Logical and Runtime Errors • Higher Order Python Programs using Nested Loops and Patterns	FULL SYLLABUS Additional Focus Areas for Annual Examination • Artificial Intelligence • Internet of Things (IoT) • Virtual Reality (VR) and Augmented Reality (AR) • Cyber Security and Privacy • Netiquette, Spam, Phishing, Digital Arrest • Intellectual Property Rights • Open Source Software and Free Software Foundation • Software Piracy and Software Copyright
------------------	--	--	---

	SECTION C – PYTHON • Introduction to Python: Features, Tokens, Variables, Data Types, Operators, Expressions, Type Conversion • Flow of Control: if-else, loops, nested loops, break and continue		
Physical Education	Theory: Chapter-1, Concept of P.E. Chapter-2, Individual aspects and group dynamics Chapter-5, Physical fitness and wellness • Physique, physical fitness and wellness. • Components of physical fitness and wellness • factors affecting physical fitness and wellness. Practical: Athletics, Badminton, Basketball, Cricket.	Theory: Chapter-3, Effect of physical exercise on human body systems. Chapter-4, Nutrition, weight control & exercise. Chapter-5, Physical fitness and wellness. • Test and measurements in sports. Chapter-6, Games and sports- a global perspective Practical: Football, Hockey, Swimming, Tennis, Volleyball	Theory: Chapter-1, Concept of P.E. Chapter-2, Individual aspects and group dynamics Chapter-3, Effect of physical exercise on human body systems. Chapter-4, Nutrition, weight control & exercise. Chapter-5, Physical fitness and wellness Chapter-6, Games and sports- a global perspective Practical: Athletics, Badminton, Basketball, Cricket, Football, Hockey, Swimming, Tennis, Volleyball