

**ST. MARY'S SENIOR SECONDARY SCHOOL, RUDRAPUR**  
**ANNUAL SYLLABUS (2026-27)**  
**CLASS XI**  
**ENGLISH (301)**

MONTH	BOOK NAME	CHAPTER NAME
<b>April</b>	Writing Hornbill Snapshot  Poem	Advertisement writing The portrait of alady The summer ofthe beautiful whitehorse A photograph Note- making
<b>May</b>	Hornbill Writing Snapshot  Poem	Discovering tut : the Saga Continues Poster We are notafraid todie .... If we All Can Be Together The laburnum top
<b>July</b>	Hornbill  Poem Writing Snapshot	<b>UNIT TEST I</b> We are not afraid todie .... If we All Can Be Together The voice of the rain Speech, Debate The Address
<b>August</b>	Hornbill Snapshot Grammar	The adventure Mother's Day Integtrated Grammar, Sentence re-ordering
<b>September</b>		<b>Revision For Exam</b> <b>Half Yearly Examination</b>
<b>October</b>	Hornbill Poem Snapshot	Silk road Father toson Birth <b>UNIT TEST II</b>
<b>November</b>	Poem Snapshot	Childhood The tale of the Melon city
<b>December</b>	Unseen Passages	Comprehension

	Revision	Writing task, Literature
<b>January</b>		<b>Annual Examination</b>

### CHEMISTRY (043)

MONTH	CHAPTER NO. & NAME
April	<ul style="list-style-type: none"> <li>▪ Chapter.01- Some basic concepts of chemistry</li> <li>▪ Chapter.02- Structure of Atom</li> </ul>
May	<ul style="list-style-type: none"> <li>▪ Chapter.03- Classification of elements and periodicity in properties</li> <li>▪ Chapter.04- Chemical bonding and molecular structure</li> </ul>
July	<b>UNIT TEST-I</b>
	<ul style="list-style-type: none"> <li>▪ Chapter.04- Chemical bonding and molecular structure</li> <li>▪ Chapter.05- Thermodynamics</li> </ul>
August	<ul style="list-style-type: none"> <li>▪ Chapter.06- Equilibrium</li> <li>▪ Revision</li> <li>▪</li> </ul>
September	<ul style="list-style-type: none"> <li>▪ <b><u>Half Yearly Examination &amp; Revision</u></b></li> </ul>
October	<ul style="list-style-type: none"> <li>▪ Chapter7- Organic Chemistry- some basic principle and technique</li> <li>▪ Chapter8- Hydrocarbon</li> </ul> <p style="text-align: center;"><b>UNIT TEST-II</b></p>
November	<ul style="list-style-type: none"> <li>▪ Chapter.09- Redox reaction</li> </ul>
December	<ul style="list-style-type: none"> <li>▪ Chapter.09- Redox reaction &amp; Revision</li> </ul>
January	<ul style="list-style-type: none"> <li>▪ <b><u>Revision</u></b></li> <li>▪ <b><u>ANNUAL EXAMINATION</u></b></li> </ul>

MONTHS	PHYSICS CURRICULUM (042)(2026-27) CLASSXI
APRIL	<p><b>Mathematical tools</b>  <b>Unit I: Physical World and Measurement</b>  <b>Chapter–2: Units and Measurements</b>            Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures. Dimensions of physical quantities, dimensional analysis and its applications</p>
MAY	<p><b>Mathematical tools.</b>  <b>Unit II: Kinematics</b>  <b>Chapter–3: Motion in a Straight Line</b>            Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, uniform and non- uniform motion, and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion (graphical treatment).</p>
JULY	<p><b>Chapter–4: Motion in a Plane</b>            Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.            Motion in a plane, cases of uniform velocity and uniform acceleration- projectile motion, uniform circular motion.</p> <p style="text-align: center;"><b>UT-I</b></p> <p><b>UnitIII: Laws of Motion</b>  <b>Chapter–5: Laws of Motion</b>            Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion.            Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication.            Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).</p>
AUGUST	<p><b>Unit IV:Work, Energy and Power</b>  <b>Chapter–6: Work, Energy and Power</b>            Work done by a constant force and a variable force; kinetic energy, work- energy theorem, power.            Notion of potential energy, potential energy of a spring, conservative forces: non-conservative forces, motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.</p>
SEPTEMBER	<p><b>Unit V:Motion of System of Particles and Rigid Body</b>  <b>Chapter–7: System of Particles and Rotational Motion</b>            Centre of mass of a two-particle system, momentum conservation and Centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod.            Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications.            Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions.            Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation).  <b>Unit VI:Gravitation</b>  <b>Chapter–8: Gravitation</b>            Kepler's laws of planetary motion, universal law of gravitation.            Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy and gravitational potential, escape speed,orbital velocity of a satellite</p> <p style="text-align: center;"><b>REVISION/HALFYEARLY EXAMINATION</b></p>

OCTOBER	<p><b>Unit VII: Properties of Bulk Matter</b></p> <p><b>Chapter–9: Mechanical Properties of Solids</b> Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy.</p> <p><b>Chapter–10: Mechanical Properties of Fluids</b> Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications. Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise.</p> <p style="text-align: center;"><b>UT-II</b></p>
NOVEMBER	<p><b>Chapter–11: Thermal Properties of Matter</b> Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law.</p> <p><b>Unit VIII: Thermodynamics</b></p> <p><b>Chapter–12: Thermodynamics</b> Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: gaseous state of matter, change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes</p> <p><b>Unit IX: Behavior of Perfect Gases and Kinetic Theory of Gases</b></p> <p><b>Chapter–13: Kinetic Theory</b> Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.</p>
DECEMBER	<p><b>Unit X: Oscillations and Waves</b></p> <p><b>Chapter–14: Oscillations</b> Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring-restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.</p>
JANUARY	<p><b>Chapter–15: Waves</b> Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats.</p> <p style="text-align: center;">Revision</p> <p style="text-align: center;"><b>ANNUAL EXAMINATION</b></p>

## XI SYLLABUS OF MATHEMATICS 2026-27

MONTH	CHAPTER TOPICS
<div style="border: 1px solid red; padding: 5px; text-align: center; width: fit-content; margin: auto;"><b>APRIL</b></div>	<p><b>Sets:</b> Sets and their representations. Empty set. Finite and Infinite sets. Equal sets. Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set.</p> <p><b>Relations &amp; Functions :</b> Ordered pairs, Cartesian product of sets. Number of elements in the cartesian product of two finite sets. Cartesian product of the sets of real</p>
<div style="border: 1px solid red; padding: 5px; text-align: center; width: fit-content; margin: auto;"><b>MAY</b></div>	<p><b>3. Trigonometric Functions</b> Expressing <math>\sin(x \pm y)</math> and <math>\cos(x \pm y)</math> in terms of <math>\sin x</math>, <math>\sin y</math>, <math>\cos x</math> &amp; <math>\cos y</math> and their simple application. Deducing identities like the following</p>
<div style="border: 1px solid red; padding: 5px; text-align: center; width: fit-content; margin: auto;"><b>JULY</b></div>	<p><b>4. 4. . Complex Numbers and Quadratic Equations:</b> Need for complex numbers, especially <math>\sqrt{-1}</math>, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers..</p> <p><b>5. Permutations and Combinations</b> Fundamental principle of counting</p> <p style="text-align: center; color: red;"><b>UNIT TEST I</b></p>
<div style="border: 1px solid orange; padding: 5px; text-align: center; width: fit-content; margin: auto;"><b>AUGUST</b></div>	<p><b>7. Binomial Theorem</b> History, statement and proof of the binomial theorem for positive integers</p> <p><b>6. Sequence and Series</b> Sequence and Series. Arithmetic Progression (A.P.). Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., Arithmetic and Geometric</p>
<div style="border: 1px solid red; padding: 5px; text-align: center; width: fit-content; margin: auto;"><b>SEPTEMBER</b></div>	<p><b>Straight Lines:</b> Brief recall of two dimensional geometry from earlier classes. Shifting of origin. Slope of a line and angle between two lines.</p> <p style="text-align: center; color: red;"><b>HALF YEARLY EXAMINATION</b></p>
<div style="border: 1px solid red; padding: 5px; text-align: center; width: fit-content; margin: auto;"><b>OCTOBER</b></div>	<p><b>2. Conic Sections :</b> Sections of a cone: circles, ellipse, parabola, hyperbola; a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.</p> <p style="text-align: center; color: red;"><b>UNIT TEST II</b></p>

	<b>Limit and derivative</b>
<b>NOVEMBER</b>	Concept of Limits and Derivatives
<b>DECEMBER</b>	<p><b>1. Statistics</b></p> <p>Measures of dispersion; Range, mean deviation, variance and standard deviation of ungrouped/grouped data. Analysis of frequency distributions with equal means but different variances.</p> <p><b>UNIT TEST</b></p>
<b>JANUARY</b>	<p>Conditional probability, multiplication theorem on probability. independent events, Addition rule of Probability, Axiomatic approach to Probability,</p> <p><b>REVISION OF CHAPTERS AND EXTRA QUESTIONS</b></p> <p><b>FINAL XAMINATION</b></p>

### **BIOLOGY (044)**

Month	Week	Chapter No. and Name
April	1	CH-1 Living World
	2	CH-1 Living World
	3	CH-2 Biological classification
	4	CH-2 Biological classification
May	1	CH-3 Plant Kingdom
	2	CH-4 Animal kingdom
	3	CH-5 Morphology of flowering plant
July	1	<b>Periodic Test-I</b>
	2	CH-6&7 Anatomy of flowering plant & Structural organization in animals
	3	CH-6&7 Anatomy of flowering plant & Structural organization in animals
	4	CH-6&7 Anatomy of flowering plant & Structural organization in animals
August	1	CH-8&9 Cell's the unit of life & Biomolecules
	2	CH-10 Cell cycle and cell division
	3	CH-10 Cell cycle and cell division
September	1-4	<b>Half yearly Examination</b>
October	1	CH-13 Photosynthesis in higher plants
	2	CH-13 Photosynthesis in higher plants
	3	CH-14 Respiration in plants
	4	<b>Periodic Test- II &amp; Revision</b>

November	1 2 3 4	CH-14 Respiration in plants CH-15 Plant growth & development CH-17 Breathing & Exchange of gases CH-18&19 Body fluids & circulation and Excretory products & their elimination
December	1 2 3 4	CH-18&19 Body fluids & circulation and Excretory products & their elimination CH-20&21 Locomotion & movement and Neural control & coordination CH-22 Chemical coordination and integration
January	1-4	Annual Examination

ANNUAL

## ACCOUNTANCY SYLLABUS 2026-27

### CLASS XI

APRIL	<p><b>Introduction to Accounting</b></p> <ul style="list-style-type: none"> <li>Accounting- concept, meaning, as a source of information, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business.</li> <li>Basic Accounting Terms- Entity, Business Transaction, Capital, Drawings. Liabilities (Non-Current and Current). Assets (Non-Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)</li> </ul>
MAY	<p><b>Theory Base of Accounting</b></p> <ul style="list-style-type: none"> <li>Fundamental accounting assumptions: GAAP: Concept</li> <li>Basic Accounting Concept: Business Entity, Money Measurement, Going Concern,</li> <li>Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism,</li> <li>Materiality and Objectivity</li> <li>System of Accounting. Basis of Accounting: cash basis and accrual basis</li> <li>Accounting Standards: Applicability of Accounting Standards (AS) and Indian Accounting Standards (IndAS)</li> </ul> <p>Goods and Services Tax (GST): Characteristics and Advantages.</p> <p><b>Recording of Business Transactions</b></p> <ul style="list-style-type: none"> <li>Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit.</li> <li>Recording of Transactions: Books of Original Entry- Journal</li> </ul>
JULY	<ul style="list-style-type: none"> <li>Special Purpose books:</li> <li>Cash Book: Simple, cash book with bank column and petty cashbook</li> <li>Purchases book</li> <li>Sales book</li> <li>Purchases return book</li> <li>Sales return book</li> <li>Journal proper</li> </ul> <p><b>Note: Including trade discount, freight and cartage expenses for simple GST calculation.</b></p> <ul style="list-style-type: none"> <li>Ledger: Format, posting from journal and subsidiary books, Balancing of accounts</li> </ul> <p><b>UNIT TEST I</b></p>
AUGUST	<p><b>Bank Reconciliation Statement:</b></p> <ul style="list-style-type: none"> <li>Need and preparation, Bank Reconciliation Statement</li> </ul> <p><b>Depreciation, Provisions and Reserves</b></p> <ul style="list-style-type: none"> <li>Depreciation: Meaning, Features, Need, Causes, factors</li> <li>Other similar terms: Depletion and Amortisation</li> <li>Methods of Depreciation:</li> </ul>

	<p>i. Straight Line Method (SLM)  ii. Written Down Value Method (WDV)  <b>Note: Excluding change of method</b></p> <ul style="list-style-type: none"> <li>• Difference between SLM and WDV; Advantages of SLM and WDV</li> <li>• Method of recoding depreciation</li> </ul> <p>i. Charging to asset account  ii. Creating provision for depreciation/accumulated depreciation account</p> <ul style="list-style-type: none"> <li>• Treatment of disposal of asset</li> </ul> <p><b>Trial balance and Rectification of Errors</b></p> <ul style="list-style-type: none"> <li>• Trial balance: objectives, meaning and preparation</li> </ul> <p><b>(Scope: Trial balance with balance method only)</b></p> <ul style="list-style-type: none"> <li>• Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance.</li> <li>• Detection and rectification of errors;</li> <li>• Errors which do not affect trial balance</li> <li>• Errors which affect trial balance</li> <li>• Preparation of suspense account.</li> </ul>
<b>SEPTEMBER</b>	<p><b>REVISION</b>  <b>HALF YEARLY EXAMINATION</b></p>
<b>OCTOBER</b>	<ul style="list-style-type: none"> <li>• Provisions, Reserves, Difference Between Provisions and Reserves.</li> <li>• Types of Reserves:</li> </ul> <p>i. Revenue reserve  ii. Capital reserve  iii. General reserve  iv. Specific reserve  v. Secret Reserve</p> <ul style="list-style-type: none"> <li>• Difference between capital and revenue reserve</li> </ul> <p><b>UNIT TEST II</b></p>
<b>NOVEMBER</b>	<p><b>Trial balance and Rectification of Errors</b></p> <ul style="list-style-type: none"> <li>• Trial balance: objectives, meaning and preparation</li> </ul> <p><b>(Scope: Trial balance with balance method only)</b></p> <ul style="list-style-type: none"> <li>• Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance.</li> <li>• Detection and rectification of errors;</li> <li>• Errors which do not affect trial balance</li> <li>• Errors which affect trial balance</li> <li>• preparation of suspense account.</li> </ul> <p><b>Financial Statements</b>  Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Opening journal entry. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation.</p>
<b>DECEMBER</b>	<p><b>REVISION</b>  <b>PERIODIC TEST-III</b></p>
<b>JANUARY</b>	<p><b>REVISION</b>  <b>ANNUAL EXAMINATION</b></p>

## BUSINESS STUDIES(054)

SL.NO.	MONTH	CHAPTERNO. &NAME	TOPICS
1.	April	<p><b>Unit- 1</b>  NatureandPurposeof  Business</p>	<ul style="list-style-type: none"> <li>• History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centres, Major Imports and Exports,PositionofIndianSub-Continentin the World Economy</li> <li>• Business–meaning,characteristicsand</li> </ul>

			<ul style="list-style-type: none"> <li>objectives</li> <li>Business, profession and employment</li> <li>Classification of business activities</li> <li>Business risk</li> </ul>
2.	May	Unit- 2 Forms of Business organizations	<ul style="list-style-type: none"> <li>Sole Proprietorship</li> <li>Partnership</li> <li>Hindu Undivided Family</li> <li>Cooperative Societies</li> <li>Company – Merits, Demerits, types</li> <li>Formation of company</li> <li>Choice of form of business organization</li> </ul>
<b>SUMMER BREAK</b>			
3.	July	Unit-3 Public, Private and Global Enterprises	<ul style="list-style-type: none"> <li>Public sector and private sector</li> <li>Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company</li> <li>Global Enterprises</li> <li>Joint venture</li> <li>Public private partnership</li> </ul>
		Unit-4 Business Services	<ul style="list-style-type: none"> <li>Business services – meaning and types.</li> <li>Banking: Types of bank accounts</li> <li>Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking: meaning, types of digital payments</li> <li>Insurance</li> <li>Postal Service</li> </ul> <p style="text-align: right;"><b>PERIODIC TEST-1</b></p>
4.	August	Unit-5 Emerging Modes of Business	<ul style="list-style-type: none"> <li>E-business: concept, scope and benefits</li> </ul>
		Unit-6 Social Responsibility of Business and Business Ethics	<ul style="list-style-type: none"> <li>Concept of social responsibility</li> <li>Responsibility towards owners, investors, consumers, employees, government and community</li> <li>Role of business in environment protection</li> <li>Business Ethics - Concept and Elements</li> </ul>
5.	September	<b>HALF YEARLY</b>	
		Unit- 7 Sources of Business Finance	<ul style="list-style-type: none"> <li>Concept of business finance</li> <li>Owners' funds – equity shares, preference share, retained earnings</li> <li>Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD)</li> </ul>
6.	October	Unit- 8 Small Business and Enterprises	<ul style="list-style-type: none"> <li>Entrepreneurship Development</li> <li>Small scale enterprise</li> <li>Government schemes and agencies for small scale industries</li> </ul> <p style="text-align: right;"><b>PERIODIC TEST-2</b></p>
7.	November	Unit- 9 Internal Trade	<ul style="list-style-type: none"> <li>Internal trade – meaning and types</li> <li>Types of retail trade – Itinerant</li> <li>Large scale retailers</li> <li>Goods and Services Tax (GST)</li> </ul>

8.	December	Unit– 10 InternationalTrade	<ul style="list-style-type: none"> <li>• International trade:conceptandbenefits</li> <li>• Export trade</li> <li>• ImportTrade</li> <li>• DocumentsinvolvedinInternationalTrade</li> <li>• WorldTradeOrganization(WTO)</li> </ul>
			<b>WINTERBREAK</b>
9.	January	<b>REVISION ANNUAL EXAM</b>	

### SUBJECT – ECONOMICS

MONTH	CHAPTER NAME AND DETAILED SYLLABUS
APRIL	<p><i>Unit 4: Introduction</i></p> <p>a) Meaning of microeconomics and macroeconomics; positive and normative economics.</p> <p>b) What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost.</p> <p>Unit 5: Consumer’s Equilibrium and Demand</p>
MAY	<p><i>Unit 1: Introduction</i></p> <p><i>What is Economics? Meaning, scope, functions and importance of statistics in Economics</i></p> <p><i>Unit 2: Collection, Organization and Presentation of data</i></p> <p>a) <b>Collection of data</b> – sources of data – primary and secondary; how basic data is collected with concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organization.</p> <p>b) <b>Organization of Data:</b> Meaning and types of variables; Frequency Distribution.</p> <p>c) <b>Presentation of Data:</b> Tabular Presentation and Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), (ii) Frequency diagrams (histogram, polygon and Ogive) and (iii) Arithmetic line graphs (time series graph)</p>
JULY	<p><i>Unit 3: Statistical Tools and Interpretation</i></p> <p><b>Measures of Central Tendency</b> – Arithmetic mean</p> <p><b>UNIT TEST 1</b></p>
AUGUST	<p><i>Unit 5: Consumer’s Equilibrium and Demand</i></p> <p>Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand – factors affecting price elasticity of demand; measurement of price Ed – percentage-change method.</p>

<b>SEPTEMBER</b>	<p><i>Unit 6: Production function and cost</i></p> <p><b>HALF YEARLY EXAMINATION</b></p>
<b>OCTOBER</b>	<p><i>Unit 3: Statistical Tools and Interpretation</i> <i>Central tendency median and mode</i></p> <p><i>Correlation – Meaning and properties, scatter diagram; Measures of correlation – Karl Pearson’s method (two variables ungrouped data)</i></p> <p><b>UNIT TEST 2</b></p>
<b>NOVEMBER</b>	<p><i>Unit 3: Statistical Tools and Interpretation</i></p> <p><i>Introduction to Index Numbers – Meaning, types – wholesale price index, consumer price index, uses of index numbers; Inflation and index numbers</i></p>
<b>DECEMBER</b>	<p><i>Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications.</i></p> <p>Perfect competition – Features; Determination of market equilibrium and effects of shifts in demand and supply.</p> <p>Simple Applications of Demand and Supply: Price ceiling, price floor.</p>
<b>JANUARY</b>	<b>ANNUAL EXAMINATION</b>

**CLASS-11<sup>TH</sup> (HUMANITIES)  
SUBJECT- HISTORY (027)**

<b>MONTH</b>	<b>BOOK NAME</b>	<b>CHAPTER NAME</b>
<b>April</b>	<b>World History</b>	<p><b>Section A: Early Societies</b>  <b>Ch-1- Writing and City Life</b></p> <p><b>Section B: Empires</b>  <b>Ch-2-An Empires across three continents</b></p>
<b>May</b>	<b>World History</b>	<p><b>Ch-3-Nomadic Empire</b></p> <p><b>Section C: Changing Traditions</b>  <b>Ch-4- The Three Orders</b></p>
<b>July</b>	<b>World History</b>	<p><b>Ch-5- Changing Cultural Tradition</b>  <b>Section D: Paths to Modernisation</b>  <b>Ch-6- Displacing indigenous People</b>  <b>UNIT TEST 1</b></p>
<b>August</b>	<b>World History</b>	<b>Ch-6- Displacing indigenous People</b>
<b>September</b>		<p><b>Revision For Exam</b>  <b>HALF YEARLY EXAMINATION</b></p>
<b>October</b>		<p><b>Ch-7- Paths to Modernisation</b>  <b>UNIT TEST 2</b></p>
<b>November</b>		<b>Revision For Exam</b>
<b>December</b>		<b>FINAL PRACTICAL</b>
<b>January</b>		<b>ANNUAL EXAMINATION</b>

**CLASS-11<sup>TH</sup> (HUMANITIES)**  
**SUBJECT-POLITICAL SCIENCE (028)**

MONTH	BOOK NAME	CHAPTER NAME
April	Part-A-Indian Constitution Of Work Part-B- Political Theory	Ch-1- Constitution: Why and How? Ch-2- Rights in the Indian Constitution.  Ch-1- Political Theory
May	Part-A-Indian Constitution Of Work Part-B- Political Theory	Ch-3- Election and Representation Ch-4- Executive  Ch-2- Freedom
July	Part-A-Indian Constitution Of Work Part-B- Political Theory	Ch-5- Legislature Ch-6- Judiciary  Ch-3- Equality <b>UNIT TEST-I</b>
August	Part-A-Indian Constitution Of Work Part-B- Political Theory	Ch-7-Federalism  Ch-4- Social Justice Ch-5-Rights
September	Part-B- Political Theory	Ch-5-Citizenship  <b>Half Yearly Examination</b>
October	Part-A-Indian Constitution Of Work Part-B- Political Theory	Ch-9- Constitution as a Living Document  Ch-7-Nationalism  <b>UNIT TEST-II</b>
November	Part-A-Indian Constitution Of Work Part-B- Political Theory	Ch-10-The Philosophy of the Constitution  Ch-8-Secularism
December January		<b>FINAL PRACTICAL ANNUAL EXAMINATION</b>

**ComputerScience(Python 083) Syllabus-(2026-27)**  
**Class XI(Theory+Practical)**

April	<ul style="list-style-type: none"> <li>➤ Computer Systems and Organisation</li> <li>➤ Boolean logic , Number System</li> </ul>	45	20
May	<ul style="list-style-type: none"> <li>➤ Computational Thinking and Programming-1</li> <li>➤ Introduction to Problem Solving</li> </ul>	40	20
July	<ul style="list-style-type: none"> <li>➤ Getting Started With Python</li> <li>➤ Core Data Type(s) of Python</li> <li>➤ <b>PERIODICTEST-1</b></li> </ul>	40	30
August	<ul style="list-style-type: none"> <li>➤ Conditional Statement and Iteration in Python</li> </ul>	10	10
September	<b>Half Yearly Exams</b>		
October November	<ul style="list-style-type: none"> <li>➤ String and list in Python.</li> <li>➤ Debugging in programming.</li> <li>➤ <b>PERIODICTEST-1</b></li> </ul>	20	30

<b>December</b>	<ul style="list-style-type: none"> <li>➤ Tuples in Python.</li> <li>➤ Dictionary in Python.</li> </ul>	30	35
<b>January</b>	<ul style="list-style-type: none"> <li>➤ Society, Law and Ethics.</li> <li>➤ Revisions</li> <li>➤ File and Project Work</li> </ul>	20	15
<b>February</b>	<b>FINAL Exams</b>		

## Information Technology (802)

Class XI (Theory+ Practical)

Month	UnitName	Theory	Practical
<b>April</b>	<b>Part-A</b> Unit1:CommunicationSkills-III <b>Part-B</b> Unit-1:ComputerOrganization	10	02
<b>May</b>	<b>Part-A</b> Unit2:Self-ManagementSkills-III <b>Part-B</b> Unit-2:NetworkingandInternet	11	03
<b>July</b>	<b>Part-A</b> Unit3:ICTSkills-III <b>Part-B</b> Unit -2: Networking and Internet (cyber crime and the need of Cyber Security)	12	02
<b>PERIODIC TEST1<sup>ST</sup></b>			
<b>August</b>	<b>Part-B</b> Unit-3:OfficeAutomationTools <b>Revision Work</b>	08	04
<b>HALFYEARLYPRACTICAL</b>			
<b>September</b>	<b>Part-A</b> Unit4:EntrepreneurialSkills-III	04	02
<b>HALFYEARLYEXAMS</b>			
<b>October</b>	<b>Part-B</b> Unit-4:RDBMS	06	06
<b>PERIODIC TEST2</b>			
<b>November</b>	<b>Part-B</b> Unit-5:FundamentalsofJava Programming <b>Part-A</b> Unit5:GreenSkills-III	06	08
<b>December</b>	<b>Part-B</b> Unit-5:FundamentalsofJava Programming Practical File, Revision Work + Lab Visit	07	05
<b>January</b>	<b>RevisionWork</b>	03	05
<b>ANNUALEXAMINATION</b>			

**YOGA(841) syllabus-(2026-27)**  
**Class XI (Theory+Practical)**

MONTH	UNITNAME
April	Part-A Unit-1:Communication Skill-III a-Methods of communication.b- communication styles. c- writing skills.Part-B Unit-1:Introduction to yoga and yogic practices-I a- yogaEtymology,definition, Aim, objective and misconception. b- Yoga origin,history and development.
May	Part-A Unit- 2 Self-managementSkill-Ia- Introduction. b-Impressive appearance and grooming.c- Teamwork skill d- Time management strategies and techniques.Part-B Unit-B-Introduction to yoga and yogic practices-I a-Rules andregulations tobe followed by yogapractitioners. b-Introduction tomajor school of yoga.c- Introduction to yogic practices.
July	Part-A Unit- 3:ICTSkills-III a- introduction to wordprocessing. b- software packages for wordprocessing.Part-B Unit-2:Introduction to Yogic texts-I a-Introduction and study of patanjali yoga sutraincludingmemorization of selected sutra. b-Introduction and study of BhagavadGitaincludingmemorization of selected slokas. <b>PERIODIC TEST-1</b>
August	Part-B Unit-2:Introduction to Yogic texts-I a-Introduction of hathapradpika. Part- A Unit- 3:ICTSkills-III a- Opening and exiting the wordprocessor.b- Creatingadocument.
September	HALF YEARLYEXAMS
October	Part-A Unit- 4:Entrepreneurial Skill-IIIIa- Entrepreneurial skills. b- Types of businessactivities.Part-B

	<p>Unit- 2:Introduction to Yogic texts-I  a-Introduction and study of Gheranda samhita.  <b>PERIODIC TEST -2</b></p>
November	<p>Part-B  Unit-3: Yoga for healthpromotion-I  a-Brief introduction to thehumanbody.b-Role of yoga for healthpromotion.  c- Yogic attitudes andpractices.  Part-B  Unit-4:Entrepreneurial Skill-III  a-Entrepreneurial Values.b- Entrepreneurial Attitudes.</p>
December	<p>Part-A  Unit-5: Greenskilla-  Introduction.  b- Components of green economyc-  Water management  d-Policyinitiatives for the green economyinindia.  e- Stakeholder in greeneconomyand theirrolePart-B  Unit-3: Yoga for healthpromotion-I  a-Holistic approach of yoga towards health anddiseases.  b-Introduction to yoga diet anditsrelevance andimportance in yogaSadhana.  c-Dincharya andRitucharya withrespect of yogic lifestyle.</p>
January	<p>PracticalFile/project work  Revision Work/ demonstration of skills.  <b>ANNUAL EXAMINATION</b></p>

# PHYSICAL EDUCATION CURRICULUM (2026-2027)

## CLASS XI

MONTH	UNIT	TOPIC
APRIL	Changing trends and career in physical education	Meaning & definition of physical education, development of physical education in India- post independence, changing trends in sports- playing surface, wearable gear and sports equipment, technological advancements, career option in physical education, khelo-india program and fit India program.
MAY	Olympism value education	Olympism- concept and Olympics values (excellence, friendship and respect) Olympic value education- joy of effort, fair play, respect for others, pursuit of excellence, balance among body, will and wind, ancient and modern Olympics, Olympics symbol, motto, flag, oath, and other member.
MAY	Yoga	Meaning and importance of yoga and their definition, introduction to astanga yoga, yogic kriyas (shat karma), pranayama and its types, active lifestyle and stress Management through yoga.
JULY JULY	Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	Concept of disability, and disorder, types of disability, its causes and nature (intellectual disability, physical disability), disability etiquette, aim and objectives of adaptive physical education, role of various professionals for children with special needs.  <b>PT 1</b>
JULY AUGUST	Physical fitness, wellness, and lifestyle  Biomechanics & Sports	Meaning and importance of wellness, health, and physical fitness, component/ dimensions of wellness, health, and physical fitness, traditional sports and regional games for promoting wellness, leadership through physical activity and sports, introduction to first aid-PRICE. Definition and importance of kinesiology and biomechanics, principles of biomechanics in sports, Newton's Law of Motion & its application in sports, types of body movements, axis and plane and its application in body movements.  <b>REVISION</b>
SEPTEMBER		<b>Half yearly examination</b>
OCTOBER	Fundamental anatomy, physiology in sports	Definition and importance of anatomy and physiology in exercise and sports, function of skeletal system, classification of bones, and types of joints, properties and functions of muscles, structure and functions of circulatory system and heart, structure and functions of respiratory system.

<b>OCTOBER</b>	<b>Biomechanics &amp; Sports</b>	<p>Definition and importance of kinesiology and biomechanics, principles of biomechanics in sports, Newton's Law of Motion &amp; its application in sports, types of body movements, axis and plane and its application in body movements.</p> <p><b>PT 2</b></p>
<b>NOVEMBER</b>	<b>Psychology &amp; Sports</b>	<p>Define and importance of psychology in physical education and sports, developmental characteristics at different stages of development, adolescence problem and their management, team cohesion and sports, introduction to psychological attributes.</p>
<b>DECEMBER</b>	<b>Biomechanics &amp; Sports Training and</b>	<p>Definition and importance of kinesiology and biomechanics, principles of biomechanics in sports, Newton's Law of Motion &amp; its application in sports, types of body movements, axis and plane and its application in body movements.</p>
<b>DECEMBER</b>	<b>Training and doping in sports</b>	<p>Concept and principles of sports training, training load, over load, adaptation, and recovery, warming up and limbering down, types, method and importance, concept of skill technique, and strategies, concept of doping and its disadvantages.</p> <p><b>REVISION</b></p>
<b>JANUARY</b>		<b>Final exam</b>

## ANNUAL SYLLABUS - CLASS XI PAINTING 2026 - 27

MONTH	NO. OF PERIODS	CHAPTER NO.	CHAPTER NAME	ACTIVITY
APRIL	12	UNIT-1	A-PREHISTORIC ROCK PAINTINGS, B-ART OF INDUS VALLEY	Still-life pencil shade
MAY	12	UNIT - 2	A - ARTS OF THE MAURYAN PERIOD	Still life coloured
JULY	18	UNIT - 2	<b>PERIODIC TEST-I</b> B- POST MAURYA TRENDS IN INDIAN ART AND ARCHITECTURE	Landscape pencil shade
AUGUST	40	UNIT-3	LATER MURAL, TRADITIONS	Landscape coloured
SEPTEMBER	20	UNIT-1	<b>(HALFYEARLY EXAM)</b>	PAINTING COMPOSITION
OCTOBER	48	UNIT-3	<b>PERIODIC TEST-II</b> TEMPLE ARCHITECTURE, AND SCULPTURES.	Morden art
NOVEMBER	22	UNIT-3	INDIAN BRONZE CAPTURE	Folk art
DECEMBER	18	UNIT-3	SOME ASPECTS OF INDO ISLAMIC ARCHITECTURE	
JANUARY			<b>REVISION</b> <b>FINAL EXAMINATION</b>	