



# LOYOLA CONVENT SCHOOL, RANCHI

## SESSION 2026-27

### SYLLABUS OF CLASS – XII

#### PHYSICS SYLLABUS CLASS XII

MONTH	
<b>MARCH</b>	Ch 1: Electric charges and field
<b>APRIL</b>	Ch 1- (continuation) Ch 2- Electrostatic potential and capacitance Ch 3- Current Electricity
<b>MAY</b>	Ch 4- Moving charges and magnetism Ch 3- Continuation
<b>JUNE</b>	Revision for ( PT 1 ) Syllabus for PT 1 - Ch - 1, 2, 3
<b>JULY</b>	Ch 5- Magnetism and Matter Ch 6- Electromagnetic induction Ch 7- Alternative Current
<b>AUGUST</b>	Ch 8- Electromagnetic Waves Ch 9- Ray optics and optical instruments
<b>SEPTEMBER</b>	Revision for HY HY syllabus - Ch - ( 1,2,3,4,5,6,7,8,9 )
<b>OCTOBER</b>	Ch 10- Waves optics Ch 11- Dual nature of Radiation and Matter Ch 14- Semiconductor Electronics
<b>NOVEMBER</b>	Ch 12- Atoms Ch 13- Nuclei
<b>DECEMBER</b>	
<b>JANUARY</b>	
<b>FEBRUARY</b>	
<b>MARCH</b>	

PRE-BOARDS		FULL SYLLABUS	
CLASS	PT 1	HALF YEARLY	PT 3
12	Ch 1- Electric Charges and Fields  Ch 2- Electrostatic potential and Capacitance  Ch 3- Current Electricity	Ch 1- Electric Charges and fields Ch 2- Electrostatic potential and capacitance Ch 3- Current electricity Ch 4- Moving Charges and magnetism Ch 5- Magnetism and Matter Ch 6- Electromagnetic induction Ch 7- Alternative Current Ch 8- EM Waves Ch 9- Ray optics and optical instruments	Ch 6- Electromagnetic induction Ch 7- Alternative Current Ch 8- EM Waves Ch 9- Ray optics and optical instruments Ch 10- Wave optics

#### CLASS - XII SUBJECT - CHEMISTRY

MONTH	TOPICS
<b>MARCH</b>	Chapter -1 : Solution
<b>APRIL</b>	Chapter - 2 : Electrochemistry Chapter -3 : Chemical Kinetics
<b>MAY</b>	Chapter - 6 : Haloalkanes and Haloarenes
<b>JUNE</b>	Chapter -6 : Continued Chapter -7 : Alcohols, Phenols and Ethers

<b>JULY</b>	Chapter -7 : Continued Chapter - 8 : Aldehydes, Ketones and Carboxylic acids
<b>AUGUST</b>	Chapter -8 : Continued Chapter - 9 : Amines
<b>SEPTEMBER</b>	Revision and Half Yearly Examination
<b>OCTOBER</b>	Chapter - 10 : Biomolecules Chapter - 4 : d- & f - block Elements
<b>NOVEMBER</b>	Chapter - 5 : Coordination Chemistry

## PORTION

Exam	Syllabus
PT -1	Chapter -1, 2 & 6
Half Yearly	Chapter -1, 2, 3, 6, 7 & 8
PT -2	Chapter -6, 7 & 8
Mock Test / Pre Board	All ten chapters

## HHW : Summer Vacation

1. Discussion of Henry's law, Raoult's law, ideal solution and non ideal solution and colligative properties.
2. Concentrations of solution - Details with formulas.
3. Electrochemical cell details discussion.
4. Nernst equation, Batteries with complete discussion.
5. Numerical ( First 20 ) from Exercise of chapter -1,2 & 3.

## HHW : DP

1. To complete practical assignment and project assignment in order to fulfill the requirements of CBSE.
2. All name reactions from Chapter - 6,7,8 & 9.

## CLASS - XII SUBJECT – BIOLOGY

MONTH	
<b>MARCH</b>	Unit-VI Chapter-2: Sexual Reproduction in Flowering Plants Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction;
<b>APRIL</b>	Unit-VI Reproduction Chapter-2: Sexual Reproduction in Flowering Plants- double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation. Chapter-3: Human Reproduction- Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis -spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea). Chapter-4: Reproductive Health -Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness). Unit-VII Genetics and Evolution Chapter-5: Principles of Inheritance and Variation- Heredity and variation: Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance;
<b>MAY</b>	Chapter-5: Principles of Inheritance and Variation Heredity and variation - chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.

	Chapter-6: Molecular Basis of Inheritance- Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation; gene 8 expression and regulation - lac operon; Genome, Human and rice genome projects;
<b>JUNE</b>	Chapter-6: Molecular Basis of Inheritance , DNA fingerprinting. Chapter-7: Evolution- Origin of life; biological evolution and evidences for biological evolution (paleontology, comparative anatomy, embryology and molecular evidences);
<b>JULY</b>	Chapter-7: Evolution; ; Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy - Weinberg's principle; adaptive radiation; human evolution. Unit-VIII Biology and Human Welfare Chapter-8: Human Health and Diseases- Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse.
<b>AUGUST</b>	Chapter-10: Microbes in Human Welfare- Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use. Unit-IX Biotechnology and its Applications Chapter-11: Biotechnology - Principles and Processes Genetic Engineering (Recombinant DNA Technology). Chapter-12: Biotechnology and its Applications- Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, bio piracy and patents.
<b>SEPTEMBER</b>	Unit-X Ecology and Environment Chapter-13: Organisms and Populations- Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations) 9 Chapter-14: Ecosystem- Ecosystems: Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy (Topics excluded: Ecological Succession and Nutrient Cycles).
<b>OCTOBER</b>	Chapter-15: Biodiversity and its Conservation- Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites. revision
<b>NOVEMBER</b>	REVISION
<b>DECEMBER</b>	REVISIONS
<b>JANUARY</b>	
<b>FEBRUARY</b>	
<b>MARCH</b>	

<b>CLASS</b>	<b>PT 1</b>	<b>HALF YEARLY</b>	<b>PT 3</b>	<b>ANNUAL</b>
12	Chapter-2: Sexual Reproduction in Flowering Plants, Chapter-3: Human Reproduction Chapter-4: Reproductive Health Chapter-5: Principles of inheritance and variations	Chapter-2: Sexual Reproduction in Flowering Plants, Chapter-3: Human Reproduction Chapter-4: Reproductive Health Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution Chapter-8: Human health & Diseases Chapter 10: Microbes in human welfare	Mock test Full syllabus	Full syllabus

**CLASS - XII**  
**SUBJECT – MATHEMATICS**

MATHEMATICS	
MONTH	TOPIC
MARCH	<p><b><u>Ch - 5: Continuity and Differentiability</u></b>                      5.1 Introduction                      5.2 Continuity                      5.3 Differentiability  <b>Exercises: 5.1 and 5.2</b>  <b>NCERT Solved Examples</b></p>
APRIL	<p><b><u>Ch - 5: Continuity and Differentiability</u></b>                      5.4 Exponential and Logarithmic Functions                      5.5 Logarithmic Differentiation                      5.6 Derivatives of Functions in Parametric Forms                      5.7 Second Order Derivative  <b>Exercises: 5.3, 5.4, 5.5, 5.6 and 5.7</b>  <b>NCERT Solved Examples</b>  <b>Miscellaneous Extra Problems along with Graphical Representation Using Mathematical Software</b>  <b>Lab Activity 1:</b>                      To find analytically the limit of a function <math>f(x)</math> at <math>x = c</math> and to check the of the function at that point.</p>
MAY	<p><b><u>Ch - 2: Inverse Trigonometric Functions</u></b>                      2.1 Introduction                      2.2 Basic Concepts                      2.3 Properties of Inverse Trigonometric Functions  <b>Exercises: 2.1, 2.2 and 2.3</b>  <b>NCERT Solved Examples</b>  <b>Lab Activity 2:</b>                      To sketch the graph of <math>\sin^{-1}x</math> using the graph of <math>\sin x</math>.</p>
JUNE	<b>PT - I Examination (Ch - 2 and 5)</b>
JULY	<p><b><u>Ch - 1: Relations and Functions</u></b>                      1.1 Introduction                      1.2 Types of Relations                      1.3 Types of Functions                      1.4 Composition of Functions and Invertible Function  <b>Exercises: 1.1 and 1.2</b>  <b>NCERT Solved Examples</b>  <b><u>Ch - 7: Integrals</u></b>                      7.1 Introduction                      7.2 Integration as an Inverse Process of Differentiation                      7.3 Methods of Integration                      7.4 Integrals of Some Particular Functions                      7.5 Integration by Partial Fractions                      7.6 Integration by Parts                      7.7 Definite Integral                      7.8 Fundamental Theorem of Calculus                      7.9 Evaluation of Definite Integrals by Substitution                      7.10 Some Properties of Definite Integrals  <b>Exercises: 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9 and 7.10</b>  <b>NCERT Solved Examples</b>  <b>Lab Activity 3:</b>                      To verify whether a given relation is reflexive, symmetric and transitive.  <b>Lab Activity 4:</b>                      To demonstrate a function which is one-one but not onto.  <b>Lab Activity 5:</b>                      To evaluate a given definite integral as the limit of a sum and verify it by actual integration.</p>

AUGUST	<p><b><u>Ch - 10: Vector Algebra</u></b>  10.1 Introduction  10.2 Some Basic Concepts  10.3 Types of Vectors  10.4 Addition of Vectors  10.5 Multiplication of a Vector by a Scalar  10.6 Product of Two Vectors  <b>Exercises: 10.1, 10.2, 10.3 and 10.4</b>  <b>NCERT Solved Examples</b>  <b><u>Ch - 3: Matrices</u></b>  3.1 Introduction  3.2 Matrix  3.3 Types of Matrices  3.4 Operations on Matrices  3.5 Transpose of a Matrix  3.6 Symmetric and Skew Symmetric Matrices  3.7 Invertible Matrices  <b>Exercises: 3.1, 3.2, 3.3 and 3.4</b>  <b>NCERT Solved Examples</b>  <b><u>Ch - 4: Determinants</u></b>  4.1 Introduction 76  4.2 Determinant 76  4.3 Area of a Triangle 82  4.4 Minors and Cofactors 84  4.5 Adjoint and Inverse of a Matrix 87  4.6 Applications of Determinants and Matrices  <b>Exercises: 4.1, 4.2, 4.3, 4.4 and 4.5</b>  <b>NCERT Solved Examples</b>  <b>Lab Activity 6:</b>  To verify that angle in a semicircle is a right angle, using vector method</p>
SEPTEMBER	<p><b><u>Ch - 11: Three Dimensional Geometry</u></b>  11.1 Introduction  11.2 Direction Cosines and Direction Ratios of a Line  11.3 Equation of a Line in Space  11.4 Angle between Two Lines  11.5 Shortest Distance between Two Lines  <b>Exercises: 11.1 and 11.2</b>  <b>NCERT Solved Examples</b>  <b>Lab Activity 7:</b>  To measure the shortest distance between two skew lines and verify it analytically.  <b>Revision and Half-yearly Exam (Ch - 1, 2, 3, 4, 5, 7, 10 and 11)</b></p>
OCTOBER	<p><b><u>Ch - 13: Probability</u></b>  13.1 Introduction  13.2 Conditional Probability  13.3 Multiplication Theorem on Probability  13.4 Independent Events  13.5 Bayes' Theorem  <b>Exercises: 13.1, 13.2, and 13.3</b>  <b>NCERT Solved Examples</b>  <b><u>Ch - 9: Differential Equations</u></b>  9.1 Introduction  9.2 Basic Concepts  9.3 General and Particular Solutions of a Differential Equation  9.4 Methods of Solving First Order, First Degree Differential Equations  <b>Exercises: 9.1, 9.2, 9.3, 9.4 and 9.5</b>  <b>NCERT Solved Examples</b>  <b>Lab Activity 8:</b>  Understanding conditional probability through an experiment using pair of dice.</p>

NOVEMBER	<b>Ch - 8: Application of Integrals</b> 8.1 Introduction 8.2 Area under Simple Curves <b>Exercise: 8.1</b> <b>NCERT Solved Examples</b> <b>Ch - 12: Linear Programming</b> 12.1 Introduction 12.2 Linear Programming Problem and its Mathematical Formulation <b>Exercises: 12.1 and 12.2</b> <b>NCERT Solved Examples</b> <b>Ch - 6: Application of Derivatives</b> 6.1 Introduction 6.2 Rate of Change of Quantities 6.3 Increasing and Decreasing Functions 6.4 Maxima and Minima <b>Exercises: 6.1, 6.2 and 6.3</b> <b>NCERT Solved Examples</b> <b>Lab Activity 9:</b> To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner. <b>Lab Activity 10:</b> To understand the concepts of absolute maximum and minimum values of a function in a given closed interval through its graph. <b>Overall revision</b>	
	DECEMBER	MOCK TEST
	JANUARY	MOCK TEST
	FEBRUARY	BOARD EXAM

## ENGLISH - (2026-27)

### Prescribed Books-1.Flamingo

### 2.Vistas

### 3.Exam Idea

### 4.Wren and Martin

<u>MONTH</u>	<u>Chapter</u>	<u>Literature/Poetry/Writing Section</u>
MARCH	<u>1-Flamingo</u> <u>1-Vistas</u>	•The Last Lesson •The Third Level <b>Writing:</b> • Notice Writing
APRIL	<u>2-Flamingo</u> <u>2-Vistas</u>	•Lost Spring •The Tiger King <b>Poetry:</b> •My Mother at Sixty-Six •Keeping Quiet <b>Writing:</b> • Formal/Informal Invitation and Reply
MAY	3-Flamingo	•Deep Water <b>Writing: Letters</b> • Job application and letter to the Editor
JUNE		REVISION <b>PT-1-Portion</b> <b>Flamingo-Chap 1,2</b> <b>Vistas-Chapter1,2</b> <b>Poem-My mother at sixty-six, Keeping Quiet</b> <b>Writing-Notice and invitation/ reply</b>
JULY	3.Vistas 4-Flamingo 4-Vistas	•Journey to the end... •The Rattrap • The Enemy <b>Poetry</b> •A Thing of Beauty • The roadside stand <b>Writing:</b> • Article/Report writing, descriptive and analytical in nature

<b>AUGUST</b>	5-Flamingo 6-Flamingo 6-Vistas	•Indigo • Poets and Pancakes • On the face of It <b>Writing:</b> • Article/Report writing, descriptive and analytical in nature –(to continue it)
<b>SEPTEMBER</b>		<b>Poetry</b> • A Roadside Stand PT-2 Flamingo-Chapter 1,2,3,4 Vistas-Chapter 1,2,3,4 Poem-My mother at sixty-six Keeping Quiet A thing of beauty Writing section-Notice, Invitation and Reply Letter writing-Letter to Editor/Job Application
<b>OCTOBER</b>	7-Flamingo 8-Flamingo 8-Vistas	• The Interview •Going Places •Memories of Childhood <b>Poetry</b> • Aunt Jennifer’s Tigers
<b>NOVEMBER</b>		Mock Test

**CLASS - XII**  
**SUBJECT – BUSINESS STUDIES**

<b>MONTHS</b>	
<b>APRIL</b>	CH1; NATURE AND SIGNIFICANCE OF MANAGEMENT CH2; PRINCIPLES OF MANAGEMENT
<b>MAY</b>	CH3; BUSINESS ENVIRONMENT CH4;PLANNING
<b>JUNE</b>	<b>REVISION+ PT1</b>
<b>JULY</b>	CH5; ORGANISING CH6; STAFFING CH9; FINANCIAL MANAGEMENT
<b>AUGUST</b>	CH7; DIRECTING CH10; FINANCIAL MARKETS
<b>SEPTEMBER</b>	CH8; CONTROLLING+ REVISION + HALF YEARLY EXAM
<b>OCTOBER</b>	CH11; MARKETING MANAGEMENT CH12; CONSUMER PROTECTION
<b>NOVEMBER</b>	FULL SYLLABUS REVISION + <b>MOCK 1</b>
<b>DECEMBER</b>	<b>REVISION+ MOCK 2</b>
<b>JANUARY</b>	<b>REVISION+ MOCK 3</b>
<b>FEBRUARY</b>	<b>BOARD EXAM</b>

**CLASS - XII**  
**SUBJECT – ECONOMICS**

	MACRO ECONOMICS	INDIAN ECONOMIC DEVELOPMENT
APRIL	CH:1 INTRODUCTION TO MACROECONOMICS CH:2 SOME BASIC CONCEPTS OF MACRO	CH1:INDIAN ECONOMY ON THE EVE OF INDEPENDENCE
MAY	CH:3 NATIONAL INCOME AND RELATED AGGREGATES CH:4 METHODS OF CALCULATING NATION INCOME	CH2; INDIAN ECONOMY(1950-90) CH3; ECONOMIC REFORM SINCE 1991

JUNE	<b>REVISION+ PT1</b>	<b>REVISION+ PT1</b>
JULY	CH5;MONEY CH6;BANKING	CH4; HUMAN CAPITAL FORMATION CH5; RURAL DEVELOPMENT
AUGUST	DETERMINATION OF INCOME AND EMPLOYMENT( CH7; AD,AS AND RELATED CONCEPTS, CH8; SHORT RUN EQUILIBRIUM, CH9; PROBLEM OF DEFICIENT AND EXCESS DEMAND)	CH6; EMPLOYMENT CH7; ENVIRONMENT AND SUSTAINABLE DEVELOPMENT
SEPTEMBER	CH10;GOVERNMENT BUDGET AND THE ECONOMY + HALF YEARLY EXAM	HALF YEARLY EXAM
OCTOBER	CH8; FOREIGN EXCHANGE RATE CH9; BALANCE OF PAYMENT	CH8; COMPATATIVE DEVELOPMENT EXPERIENCES OF INDIA AND ITS NEIGHBOURS
NOVEMBER	MACROECONOMICS FULL SYLLABUS REVISION + <b>MOCK1</b>	INDIAN ECONOMIC DEVELOPMENT FULL SYLLABUS REVISION + <b>MOCK1</b>
DECEMBER	<b>REVISION+ MOCK2</b>	<b>REVISION+ MOCK2</b>
JANUARY	<b>REVISION+ MOCK3</b>	<b>REVISION+ MOCK3</b>
FEBRUARY	<b>BOARD EXAM</b>	<b>BOARD EXAM</b>

**CLASS XII  
GEOGRAPHY**

Book I. Fundamental of Human Geography  
 Book II. India: People and Economy  
 Book III Geography Practical-II

Month	Book	Chapter/Topic
March- April	I  II  Practical Book	ch 1. Human Geography ch2. The world population Density ch1. Population Distribution, Density, Growth ch2. Human Settlement ch3. Land Resources and Agriculture ch1 Data: Its sources and Compilation
May	I II	ch 3. Human Development ch 4. Water Resources cont..
June	II	ch 4. Water Resources completed Revision for PT-I. Ch 1,2,3 (Book I andII)
July	I  II  Practical Book	Ch 4. Primary Activities. Ch5. Secondary Activities ch5. Mineral and Energy Resources ch6. Planning and sustainable Development with Indian context ch2 Data Processing.
August	I II  Practical Book	Ch6. Tertiary and Quaternary Activities ch7. Transport and communication  ch3. Graphical Representation of Data
Septem ber	I	ch7. Transport , Communication and Trade Revision for Half yearly ch. 1 to 6 (Book I and II) Practical: ch 01, 02
October	I II  Practical Book	ch8. International Trade ch 8. International Trade ch9. Geographical Perspective on selected issues and problems. Ch 4 Spatial Information Technology.
Novem ber	Revision	Revision for Mock Test I

Project- Information on Bharatmala and Situbharatam Patiyojana

**CLASS XII  
POL SCI**

<b>MONTH</b>	<b>CLASS</b>	<b>CHAPTER</b>	<b>SUB TOPIC</b>
		<b>Book 1 : Contemporary World Politics</b>	
<b>April</b>	XII / POL. SC. CWP ( book 1)	<b>The End of Bipolarity</b>	<b>Introduction</b>
			Soviet System
			Disintegration of Soviet
			Causes of disintegration of Soviet
			Shock Therapy and Consequences
			India and Post Communist
<b>May</b>	XII / POL. SC. CWP (book 1)	<b>Contemporary Centres of Power</b>	<b>Introduction</b>
			European union
			ASEAN
			The Rise of the Chinese Economy
			India - China Relation
			Japan and south Korea
<b>June</b>	XII / POL. SC. CWP (Book 1)	<b>Contemporary South Asia</b>	Introduction
			What is South Asia?
			The Military and Democracy in Pakistan
			Democracy in Bangladesh
			<b>Revision for PT 1 Book 1 ch 1,2</b>
			Monarchy and Democracy in Nepal
			Ethnic Conflict and Democracy in Sri Lanka
			India Pakistan Conflicts
			India and its Other Neighbours
			Peace and Cooperation
<b>July</b>	XII / POL. SC. CWP(book1)	<b>International Organisation</b>	<b>Introduction</b>
			Why International Organisations?
			Evolution of the UN
			Reform of the UN after the Cold War
			Reforms of Structures and Processes
			Jurisdiction of the UN
			India and the UN Reforms
The UN in the Unipolar World			
<b>July / August</b>	XII / POL. SC. CWP(book1)	<b>Security in the Contemporary World</b>	<b>Introduction</b>
			What is Security

			Traditional Notions - External
			Traditional Notions - Internal
			Traditional Security and Cooperation
			Non-traditional Notions
			New Sources of Threats
			India's Security Strategy
<b>August</b>	XII / POL. SC. CWP (book1)	<b>Environment and Natural Resources</b>	<b>Introduction</b>
<b>September</b>			Environmental Concerns in Global Politics
			The Protection of Global Commons
			Common but differentiated Responsibilities
			Common Property Resources
			India's Stand on Environmental Issues
			<b>Revision for Half yearly Exams</b> <b>Book 1 ch : 1,2,3,4,5,6</b>
			Environmental Movements : One or Many
			Resource Geopolitics
			The Indiginous Peoples And Their Rights
<b>OCTOBER</b>	XII / POL. SC. CWP (book1)	<b>Globalisation</b>	<b>Introduction</b>
			The Concept of Globalisation
			Causes of Globalisation
			Political Consequences
			Economic Consequences
			Cultural Consequences
			India and Globalisation
			Resistance to Globalisation
			India and Resistance to Globalisation
<b>APRIL</b>	XII / POL. SC. PISI (book 2)	<b>Challenges of Nation Building</b>	<b>Introduction</b>
			3 Challenges of nation building
			Partition- Displacement and Rehabilitation
			Consequences of Partition
			Integration of Princely States
			Govt. Approach
			Hyderabad
			Manipur
			Reorganisation of States

<b>April -May</b>	XII / POL. SC. PISI (book2)	<b>Era of One Party Dominance</b>	<b>Introduction</b>
			Congress Dominance
			Nature of Congress Dominance
			Congress as Social and Ideological Coalition
			Tolerance and Management of Factions
			Socialist Party, CPI, BJS, Swatantra Party
			<b>Emergence of Opposition Parties</b>
<b>June</b>	XII / POL. SC. PISI (book2)	<b>Politics of Planned Development</b>	<b>Introduction</b>
			Political Contestation
			Ideas of Development and Planning
			The Early Initiatives
			Five Year Plans
			Rapid Industrialisation
			Agriculture and Industries
			Public and Private Sectors
			Land Reforms and The Green Revolution
			Later Development <b>Revision for PT 1: Book :2 ch 1,2</b>
<b>July</b>	XII / POL. SC. PISI (book2)	<b>India's External Relations</b>	<b>Introduction</b>
			International Context
			Policy of Non Allignment
			Peace and Conflict With China
			Wars and Peace with Pakistan
			India's Nuclear Policy
<b>July</b>	XII / POL. SC. PISI (book2)	<b>Challenges to and Restoration of Congress System</b>	<b>Introduction</b>
			Challenges of Political Succession
			4th General Election 1967
			Coalition and Defection
			Split in the Congress
			1971 Election and Restoration of Congress
<b>August</b>	XII / POL. SC. PISI (book2)	<b>The Crisis of Democratic Order</b>	<b>Introduction</b>
			Background to Emergency
			Gujarat and Bihar Movements
			Conflicts with judiciary
			Declaration of Emergency
<b>September</b>			Consequences
			Controversies regarding Emergency
			Politics after Emergency

			<b>Revision for Half year exam Book 2 : ch 1,2,3,4,5,6</b>
<b>October</b>	XII / POL. SC. PISI (Book2)	<b>Regional Aspirations</b>	<b>Introduction</b>
			Region and the Nation
			Jammu And Kashmir
			Punjab
			The North East
			Accommodation and National Integration
<b>October</b>	XII / POL. SC. PISI(book2)	<b>Recent Developments In Indian Politics</b>	<b>Introduction</b>
			Conflicts of the 1990s
			Era of coalitions
			Political rise of Other Backward classes
			Communalism, secularism and Democracy
			Emergence of a New Consensus
<b>November</b>			<b>Revision for Mock Test</b>

## CLASS XII HISTORY

<b>MONTH</b>	<b>CHAPTER NO AND NAME</b>
<b>APRIL</b>	CH 01 → BRICKS, BEADS AND BONES. CH 02 → KINGS, FARMERS AND TOWNS.
<b>MAY</b>	CH 03 → KINSHIP, CASTE AND CLASS.
<b>JUNE</b>	CH 04 → THINKERS, BELIEFS AND BUILDINGS. CH 05 → THROUGH THE EYES OF TRAVELLERS.  • REVISION FOR PT 01 EXAMINATION. • SYLLABUS FOR PT 01 EXAMINATION — • CH 01, 02, 03, 04. • MAP WORK FROM THE PRESCRIBED CHAPTERS.
<b>JULY</b>	CH 06 → BHAKTI TRADITIONS. CH 07 → AN IMPERIAL CAPITAL : VIJAYANAGARA.
<b>AUGUST</b>	CH 08 → PEASANTS, ZAMINDARS AND THE STATE.
<b>SEPTEMBER</b>	CH 09 → COLONIALISM AND THE COUNTRYSIDE.  → REVISION FOR HALF YEARLY EXAMINATION. • SYLLABUS FOR HALF YEARLY EXAMINATION. • CH 01, 02, 03, 04, 05, 06, 07, 08. • MAP WORK FROM NCERT TEXT BOOK. (CH 01 TO 08)

<b>OCTOBER</b>	CH 10 → REBELS AND THE RAJ. CH 11 → MAHATMA GANDHI AND THE NATIONAL MOVEMENT.
<b>NOVEMBER</b>	CH 12 → FRAMING THE CONSTITUTION.
<b>DECEMBER</b>	→ REVISION FOR BOARD EXAMINATION.

**CLASS XII**  
**PHYSICAL EDUCATION**

<b>SYLLABUS CLASS XII 048-PHYSICAL EDUCATION</b>	
<b>MONTH</b>	<b>TOPIC</b>
<b>MARCH</b>	Ch 1- Management of Sporting Events
	Ch 2- Children and Women in Sports
<b>APRIL</b>	Ch 3- Yoga as preventive measures for life style diseases
	Ch 4-Physical Education and Sports for Children with Special needs
<b>MAY</b>	Ch 5-Sports and Nutrition
<b>JUNE</b>	Ch 6-Test and Measurement in Sports
	Ch 7- Physiology & Injuries in Sports
<b>JULY</b>	Ch 8-Biomechanics and Sports
	Ch 9- Psychology in Sports
<b>AUGUST</b>	Ch 10-Training in Sports
	PRACTICAL 1 SAI KHELO INDIA FITNESS TEST
<b>SEPTEMBER</b>	PRACTICAL 2 YOGA AS PREVENTIVE MEASURES FOR LIFESTYLE DISEASES
	PRACTICAL 3 ANY 1 IOA RECOGNIZED SPORT

## बारहवीं हिन्दी पाठ्यक्रम (केंद्रीय)

सत्र - 2026-2027

कोड संख्या - 302

निर्धारित पुस्तकें-

1. आरोह भाग 2
2. वितान भाग 2
3. अभिव्यक्ति और माध्यम (NCERT)

माह	पाठ्यक्रम
<b>अप्रैल</b>	आरोह- गद्य - भक्तिन, पद्य- आत्मपरिचय, एक गीत, दिन जल्दी-जल्दी ढलता है, पतंग वितान- सिल्वर वैडिंग अभिव्यक्ति- विभिन्न माध्यमों के लिए लेखन, पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया।
<b>मई</b>	आरोह- गद्य - काले मेघा पानी दे, कविता के बहाने वितान- जूझ (आनंद यादव) अभिव्यक्ति- कहानी का नाट्य रूपान्तरण, अपठित गद्यांश, अपठित पद्यांश

<b>जून</b>	<p>आरोह- पहलवान की ढोलक, बात सीधी थी पर  अभिव्यक्ति- कहानी का नाट्य रूपान्तरण  वितान- जूझ (आनंद यादव)</p> <p>P T 1 PORTION (प्रथमा मासिकी परीक्षा पाठ्यक्रम)  आरोह- भक्तिन, पद्य- आत्मपरिचय, दिन जल्दी-जल्दी ढलता है, पतंग  वितान- सिल्वर वैडिंग  अभिव्यक्ति- विभिन्न माध्यमों के लिए लेखन, पत्रकारीय लेखन के विभिन्न रूप और लेखन, कहानी का नाट्य  रूपांतरण प्रक्रिया, अपठित गद्यांश, अपठित पद्यांश</p>
<b>जुलाई</b>	<p>आरोह- कैमरे में बंद सिपाही  वितान- पुनरावृत्ति  अभिव्यक्ति- कहानी का नाट्य रूपान्तरण, अपठित पद्यांश</p>
<b>अगस्त</b>	<p>आरोह- उषा, बादल राग  वितान- अतीत में दबे पाँव  अभिव्यक्ति- अपठित गद्यांश, कहानी का नाट्य रूपांतरण, फीचर लेखन</p>
<b>सितम्बर</b>	<p>पुनरावृत्ति, P T 2 PORTION (अर्धवार्षिकी परीक्षा पाठ्यक्रम)  आरोह- गद्य- पाठ 11, 12, 13  पद्य- पाठ-1, 2, 3, 4, 6  वितान- सिल्वर वैडिंग  अभिव्यक्ति- विभिन्न माध्यमों के लिए लेखन, पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया, अपठित  गद्यांश, अपठित पद्यांश, कहानी का नाट्य रूपांतरण, फीचर लेखन</p>
<b>अक्टूबर</b>	<p>क्षितिज- शिरीष के फूल, श्रम विभाजन और जाति प्रथा, कवितावली, लक्ष्मण मूर्च्छा  वितान- पाठ-3  अभिव्यक्ति- रेडियो नाटक, अप्रत्याशित विषयों पर लेखन</p>
<b>नवम्बर</b>	<p>क्षितिज- रुबाइयाँ, छोटा मेरा खेत  वितान- पुनरावृत्ति  अभिव्यक्ति- पुनरावृत्ति</p> <p>P T 3 PORTION (MOCK TEST)  सम्पूर्ण पाठ्यक्रम</p>

**CLASS XII**  
**COMPUTER SCIENCE**

<b>MONTH</b>	<b>CHAPTER NO.</b>
<b>APRIL</b>	1. Python Revision Tour -- Variables and Assignments -- Data types -- Mutable & Immutable types -- if conditions (if-elif-else) -- Flow of Controls 2. Python Revision Tour-II -- Strings in Python -- Lists in Python -- Tuples in Python -- Dictionaries in Python
<b>MAY</b>	3. Working With Functions -- Defining Functions in Python -- Flow of Execution -- Passing the parameters in function call -- Arguments in Functions -- Returning Values from the function 5. File Handling -- Data Files( Text, Binary, CSV) -- Opening and Closing the file -- Working with text files -- Reading in the text file -- Writing onto a text file.
<b>PT-1 Portion (JUNE)</b> <b>Ch-1 Python Revision Tour</b> <b>Ch-2. Python Revision Tour-II</b> <b>Ch-3. Working With Functions</b> <b>Ch-5. File Handling</b>	
<b>JUNE</b>	5. File Handling -- Standard Input, Output and error streams -- Working with Binary Files -- Pickle Module -- Searching in Binary File -- Updating in Binary file. --seek( )and tell ( ) function 4. Using Python Libraries -- Module -- Importing Modules in Python -- Using Python's Standard Library Creating a Python Library

<b>JULY</b>	6. Exception Handling in Python -- Concept of Exception handling -- General built-in python exceptions -- Handling multiple errors -- second argument of the except block -- Raising/ Forcing an exception 7. Data Structures -- Elementary data representation -- Linear list arrays -- Stacks -- Queues -- Linked list -- Tree
<b>AUGUST</b>	7. Data Structures -- Operations on data structures -- Stack applications and its implementation
HALF YEARLY PORTION (SEPTEMBER) Ch-1 Python Revision Tour Ch-2. Python Revision Tour-II Ch-3. Working With Functions Ch-4. Using Python Libraries Ch-5. File Handling Ch-6. Exception Handling in Python Ch-7. Data Structures	
<b>SEPTEMBER</b>	8. Computer Networks-I -- Types of networks -- Evolution of Networking -- Switching Techniques -- Transmission media -- Network topologies -- Identifying nodes in a computer network 9. Computer Networks-II -- Network Devices -- Network Protocols -- Wireless mobile computing devices -- Internetworking terms and concepts
<b>OCTOBER</b>	10. Relational Databases - Brief history and introduction to DBMS -- Starting MySQL 11. Simple queries in SQL -- The SELECT Command -- Handling NULLS -- Reordering columns in query -- MySQL Functions --Aggregate functions 12. Table creation and data manipulation commands -- Databases in MySQL -- Creating tables -- Changing data with DML Commands -- ALTER and DROP Commands

PT-III Portion (November)

Ch-1 Python Revision Tour

Ch-2. Python Revision Tour-II

Ch-3. Working With Functions

Ch-4. Using Python Libraries

Ch-5. File Handling

Ch-6. Exception Handling in Python

Ch-7. Data Structures

Ch-8. Computer Networks-I

Ch-9. Computer Networks-II

Ch-10. Relational Databases

Ch-11. Simple queries in SQL

**NOVEMBER**

13. Grouping records, Joins in SQL

-- GROUP BY Command

-- HAVING Clause

-- Cartesian Product

-- EQUI-Join & Natural Join

14. Interface Python with MySQL

-- Connecting to MySQL from Python

-- Parameterized queries

-- Performing insert and update queries.

**MOCK TEST- I, II & III  
FULL SYLLABUS**