

PHYSICAL EDUCATION

- OCT. :** **Section A :** Ch. 1. Sociological Aspects of Physical education.
Section B : Revision
Practical : 1. Specialisation test, 2. Efficiency Test (sit up)
NOV. : **Section A :** Ch. 3 Career Aspects in Physical Education
Section B : Revision
Practical : 1. Specialisation Test, 2. Efficiency Test (Revision)
DEC+JAN. : Revision

MORAL SCIENCE

- OCT. :** Ch. 13. Sex in Media
NOV. : Ch. 14. Lights of the World
DEC. : Revision

ART

- OCT. :** **Paper :** 1. Still Life (2 work)
Paper : 2. Nature (2 work) Gladiolus, Rose
NOV. : **Paper :** 1. Still Life (2 work)
Paper : 2. Nature (2 work) Daffodil, Nargis
DEC. : **Paper :** 6. Chikankari Embroidery (Revision work)
Paper : 1. Still Life (2 work) (Revision work)
JAN : **Paper :** 2. Nature (2 work) Poppy, Poinsettia (Revision work)

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• This Syllabus can be downloaded from our school website : www.lps-lpc.org



COURSE FOR CLASS XII (ISC) : 2025-26

I TERM EXAMINATION

HINDI

- MARCH :** सारा आकाश : दिवाकर का चरित्र-चित्रण
APRIL : गद्य संकलन : शरणागत
काव्य मंजरी : अँधेरे का दीपक
व्याकरण : मुहावरे, अपठित गद्यांश
MAY : गद्य संकलन : आउट साइडर
काव्य मंजरी : जाग तुझको दूर जाना है
JUNE : व्याकरण : निबन्ध लेखन, वाक्य शुद्धि, पुनरावृत्ति
JULY : पुनरावृत्ति
नोट:- कक्षा XI का समस्त पाठ्यक्रम सम्मिलित होगा।

ENGLISH LANGUAGE

- MARCH :** Discussion of Question Paper Pattern
 Discussion of project topics for Boards
APRIL : Functional Grammar & Composition Writing (Descriptive), Proposal Writing, Comprehension Passage
MAY : Speech Writing, Functional Grammar, Composition (Narrative)
JUNE : Proposal Writing
JULY : Revision and Problem Solving

ENGLISH LITERATURE

- MARCH :** Discussion of Question Paper Pattern and Project Topics
APRIL : **Story :** Atithi / Guest
Drama : Macbeth (Act III, Scene I, II & III)
MAY : **Poem :** Telephone Conversation
Drama : Macbeth (Act III, Scene IV, V & VI)
JUNE : **Story :** There Will Come Soft Rains
Poem : Beethoven
JULY : Revision and Problem Solving

MATHEMATICS

- MARCH :** Ch. 1. Relations and Functions (to be contd...)
APRIL : Ch. 1. Relations and Functions
 Ch. 2. Inverse Trigonometric Functions, Ch. 3. Matrices,
 Ch. 4. Determinants (to be contd...)
MAY : Ch. 4. Determinants, Ch. 5. Continuity and Differentiability
JUNE : Ch. 1. Vectors (Section-B)
 Ch. 1. Application of Calculus in Commerce & Economics (Section-C)
JULY : Revision from 1 July 2025 onwards

PHYSICS

- MARCH :** Theory : Unit - 1 Electrostatics
(i) Electric Charges and Fields
- APRIL :** Theory : Unit - 1 Electrostatics
(ii) Gauss' Theorem
(iii) Electric potential
(iv) Capacitors and Dielectrics
Theory : Unit - 2 Current Electricity
(i) Electric Resistance and ohm's law
Practical : (1) To determine the focal length of convex lens by u-v method
- MAY :** Theory : Unit - 2, Current Electricity
(ii) D.C. Circuits & Measurement
Theory : Unit - 3 Magnetic effects of Current & Magnetism
(i) Moving Charges and Magnetic Field
Practical : (2) Experiment Based on Meter Bridge (Unknown Resistance)
- JUNE :** Theory : Unit - 3 Magnetic effects of Current & Magnetism
(i) Moving Charges and Magnetic Field (contd....)
Revision of I Term Course
- JULY :** Revision of I Term Course

CHEMISTRY

- MARCH :** d and f block elements (to be contd...)
- APRIL :** d and f block elements
Co-ordination compounds, Solutions (to be contd...)
Practical : Titration-KMnO₄ Vs Oxalic acid
- MAY :** Solutions, Haloalkanes and haloarenes (to be contd...)
Practical : Salt Analysis (O and I gp)
- JUNE :** Haloalkanes and Haloarenes
Practical : Aniline and glycerol
- JULY :** Revision

BIOLOGY

- MARCH :** Theory : 1. Sexual Reproduction in flowering plants
- APRIL :** Theory : 2. Human Reproduction, 3. Reproductive Health
4 Principle of Inheritance (contd...)
Practical : 1. Families : Malvaceae, Leguminosae and solanaceae,
2. Slide of ovary (basal and Marginal placentation)
3. Spotting : T.S. of Mammalian testis, Ovary and Blastula
- MAY :** Theory : 5. Principle of Inheritance
Practical : 1. Slide Preparation : Germination of pollen grain In nutrient medium, 2. Distribution of stomata on both surfaces of leaf
- JUNE :** Practical : Soil profile and Revision
- JULY :** Revision

ACCOUNTS

- OCT :** Issue of Shares
Issue of Debentures
- NOV :** Redemption of Debentures
Cash Flow Statement
Revision of I Pre Board Exam Syllabus
- DEC :** Revision of I Pre Board Exam Syllabus
Revision for II Pre Board Exams.
- JAN :** Revision for II Pre Board Exams.

COMMERCE

- OCT. :** Controlling, Marketing-concepts and functions, Marketing Mix. (contd..)
- NOV. :** Marketing Mix. , Consumer Protection, Revision
- DEC. :** Revision, I Pre Board Examination
- JAN. :** Revision, II Pre Board Examination

ECONOMICS

- OCT. :** Theory of income and employment, Commercial & Central Bank,
Balance of payment
- NOV. :** Circular flow of Income & Employment, National income aggregates,
Methods of measuring National income
- DEC. :** Revision, I Pre Board Examination
- JAN. :** Revision, II Pre Board Examination

HISTORY

- OCT. :** Section A : Ch. 6. Movement for Women's Rights
Section B : Ch. 9. Cold War 1945-1991, Origin, Course , End and Impact
- NOV. :** Section B : Ch. 10. Protest Movements-Civil Rights Movement, Anti-Apartheid Movement and Feminist Movement
Section B : Ch. 11. Middle East-Israeli Palestine conflict (1916-1993)
- DEC+JAN:** Revision

GEOGRAPHY

- OCT. :** Ch. 14. Agriculture Ch. 15. Fisheries
Ch. 16. Minerals and Power Resources
Ch. 17. Transport and Communication
Practical : Interpretation of Toposheet
- NOV. :** Ch. 18. Industries Ch. 19. Tourism Industry
Ch. 20. Regional Economic Development
- DEC. :** Revision

PSYCHOLOGY

- OCT. :** Ch. 7. Attitude, Prejudice and Stereotypes
Ch. 8. Psychology in Relation to the Environment and Social Concern
- NOV. :** Practical+Revision
- DEC. :** Revision

- NOV. : Theory : Unit : 8. Atoms & Nuclei**
 (i) Atom, Origin of Spectra : Bohr's theory of hydrogen atom
 (ii) Nuclear structure
 (iii) Mass Energy Equivalence : Nuclear binding energy
 (iv) Nuclear fusion and fission : Sources of energy

Unit : 9. Electronic Devices

- (i) Semiconductor Electronics
 (ii) Junction Diodes

DEC : Revision of full course I Pre- Board Examination

JAN. : Revision of full course II Pre- Board Examination

CHEMISTRY

OCT. : Organic compounds containing-Nitrogen, Biomolecules (to be contd...)

Practical : HCHO, Acetone, Rate of Reaction

C_6H_5COOH , Carbohydrate, Protein

Salt Analysis - Group IV, V, & VI

NOV. : Biomolecules, Electrochemistry

DEC. : Revision

BIOLOGY

OCT. : Theory : Biotechnology- Principles and Processes,
 Ch. 10. Biotechnology and Its Applications,
 Ch. 11. Organisms and population

Practical : Ecological Adaptations : Flower Adapted to Pollination

NOV. : Theory : 12. Ecosystem 13. Biodiversity and its conservation

DEC. : Revision

BIOTECHNOLOGY

OCT. : Theory : Ch. 7. Microbial culture
 Ch. 8. Plant tissue culture and its applications

Practical: 11. Isolation of milk protein, 12. Gram staining techniques

NOV. : Theory : Ch. 9. Animal cell culture and its application

Unit : 4. Bioinformatics, Ch. 10. Genomics

DEC. : Ch. 11. Proteomics +Revision

COMPUTER SCIENCE

OCT : Ch. 13. Data Structure

NOV : Ch. 13. Data Structure (to be contd...)

Ch. 14. Computational Complexity and big-O notation

Project file

DEC : Revision, I Preboard Exams

JAN. : Revision II Preboard Exams

BIOTECHNOLOGY

MARCH : Unit-1. (Theory) : Molecular Biology

1. Nucleic acid and their estimation (contd...)

APRIL : 1. Nucleic acid and their estimation

2. Central dogma of life and protein synthesis

Practical : 1. Preparation of Buffer solution (only acetate buffer)

2. Sterilization (Autoclaving & surface)

MAY : 3. Introduction to gene cloning & genetic engineering

Practical: 3. Paper chromatography,

4. Action of solving enzyme on starch,

JUNE : Revision

COMPUTER SCIENCE

MARCH : Ch. 1. Boolean Algebra

APRIL : Ch. 1. Boolean Algebra (to be contd...)

Ch. 2. Computer Hardware

MAY : Ch. 2. Computer Hardware (contd...) Ch. 3. Implementation of
 Algorithm to Solve Problems (Notes provided) Ch. 4. Object and
 classes (notes Provided) & Polish Notation Ch. 5. Data types and
 Variables (Notes provided), Ch. 6. Statements and Scope (Note
 Provided), Ch. 7. String Manipulations (Theory Notes Provided)

JUNE : Ch. 9. Methods (Theory Notes Provided) ,

Ch. 11. Recursion (Theory Notes Provided)

JULY : Ch. 10. Class as user Defined and constructors (without object Passing)

ACCOUNTS

MARCH : Fundamentals of Partnership contd....

APRIL : Fundamentals of Partnership, Goodwill [Concepts and Valuations],
 Admission of a New Partner contd.....

MAY : Admission of a New Partner, Financial Statements of Companies
 Accounting Ratios (Liquidity Ratio & Solvency ratio)

Project work

JUNE : Analysis of Financial Statements, Comparative Statements,
 Common size statements

JULY : Revision of I Term Syllabus

COMMERCE

MARCH : Business Environment

APRIL : Capital-Fixed and working, Sources of Finance for joint stock company,
 Banking-Latest Trends (contd...)

MAY : Banking-Latest Trends, Management- Nature and Importance
 Principles of Management (contd...)

JUNE : Principles of Management +Project-I, Revision

JULY : Revision

ECONOMICS

- MARCH :** Demand & Law of Demand (contd...)
APRIL : Demand & Law of Demand, Elasticity of demand, Law of Supply & Elasticity of supply, Theory of Consumer Equilibrium
MAY : Equilibrium Price & Quantity, Money, Forms of Market
JUNE : Ch. Money, Project- I , Revision
JULY : Revision

HISTORY

- MARCH :** **Section A :** Ch. 1. Towards Independence and Partition : The Last Phase (contd...)
APRIL : **Section A :** Ch. 1. Towards Independence and Partition : The Last Phase
Section B : Ch. 7. World War - II
MAY : **Section A :** Ch. 2. Establishment and Development of Indian Democracy (1947-1966)
Ch. 3. Development of Indian Democracy (1964-1977) (contd...)
JUNE : **Section A :** Ch. 3. Development of Indian Democracy (1964-1977)
JULY : Revision+Project work

GEOGRAPHY

- MARCH :** Ch. 1. Location setting of India
APRIL : Ch. 2. Geological Evolution and Structure Ch. 3. Relief
Ch. 4. Drainage, Ch. 5. Climate
MAY : Ch. 6. Natural vegetation Ch. 7. Population Ch. 8. Migration Trends
Practical : Drawing of cross-section or profile of important contours.
JUNE : Map Work (India) +Revision
Project : Multi Purpose River Valley project

PSYCHOLOGY

- MARCH :** Ch. 1. Intelligence and Ability (to be contd...)
APRIL : Ch. 1. Intelligence and Ability, Ch. 2. Personality
MAY : Ch. 3. Life Span Development
Ch. 4. Stress and Stress management (to be contd..)+Practical Work
JUNE : Ch. 4. Stress and Stress management
JULY : Revision

PHYSICAL EDUCATION

- MARCH :** **Section A :** Ch. 4. Competition and Tournaments (contd...)
Section B : Knowledge of the games
APRIL : **Section A :** Ch. 4. Competition and Tournament
Ch. 2. Training Methods (contd...)
Section B : Rules & Regulations of the game, terminology & Basic fundamental skills and technique
Practical : 1. Specialisation test, 2. Efficiency test (50 m run)
MAY : **Section A:** Ch. 2. Training Methods

परियोजना कार्य : 'उद्यमी नर' कविता के आधार पर भाग्य तथा पुरुषार्थ की तुलना करते हुए कर्म की महत्ता प्रतिपादित कीजिए। सफल व्यक्तियों के उदाहरण भी दीजिए।

अथवा

स्वतंत्रता प्राप्ति के आंदोलन में गौरी का त्याग किसी देशभक्त से कम नहीं था—गौरी के चरित्र के आधार पर स्पष्ट कीजिए। साथ ही स्वतंत्रता आंदोलन में भारतीय नारियों की सक्रिय भागीदारी पर प्रकाश डालिए।

नोट:- कक्षा XI एवं XII के समस्त पाठ्यक्रम की पुनरावृत्ति।

JAN : पुनरावृत्ति

ENGLISH LANGUAGE

- OCT. :** **Discussion of Question Paper**
Article Writing, Functional Grammar, Composition (Expository)
NOV. : Composition (Reflective, Story Writing), Book Review
DEC. : Practice through previous Year Board Papers and Sample Papers

ENGLISH LITERATURE

- OCT. :** **Discussion of Question Paper**
Poem : Death Be Not Proud
Story : The Medicine Bag
Drama : Macbeth (Act V, Scene I, II & III)
NOV. : **Poem :** Tithonus
Story : Indigo
Drama : Macbeth (Act V, Scene IV to IX)
DEC. : Revision and Problem Solving
Practice through previous Year Board Papers & Sample Papers

MATHEMATICS

- OCT. :** Ch. 9. Differential Equations,
Ch. 10. Probability (to be contd...)
NOV. : Ch. 2. Three Dimensional Geometry (Section-B)
Ch. 3. Linear Programming (Section-C) +Revision
DEC+JAN. : Revision +Pre Board Examination

PHYSICS

- OCT :** **Theory : Unit : 6. Wave optics**
(i) Wave Nature of Light, Huygen's Principle
(ii) Interference Light
(iii) Diffraction of Light
Theory : Unit : 7. Dual Nature of Radiation & Matter
(i) Photoelectric effect
(ii) Matter waves
Practical : (5) Specific Resistance by meter-bridge

GEOGRAPHY

- JULY** : Ch. 9. Demographic Attributes, Ch. 10. Rural settlement
Practical: Plane Table Surveying
- AUG.** : Ch. 11. Urban Settlements
Ch. 12. Environmental Management and Landuse Pattern
Ch. 13. Water Resources and types of Irrigation

SEPT. : **Revision+Map Work**

PSYCHOLOGY

- JULY** : Ch. 5. Psychological Disorders and Psychotherapy (to be contd...)
- AUG.** : Ch. 5. Psychological Disorders and Psychotherapy
Ch. 6. Social Thought and Social Behaviour

SEPT. : **Revision**

PHYSICAL EDUCATION

- JULY** : **Section A** : Ch. 6. Sports Injuries and first aid (contd.)
Section B : Revision
Practical : 1. Specialisation test, 2. Efficiency test (Push up)
- AUG.** : **Section A** : Ch. 6. Sports Injuries and first aid
Ch. 5. Health Education and Health problems
Section B : Revision
Practical : 1. Specialisation test, 2. Efficiency test (distance up)

SEPT. : **Revision (Section A & B)**

MORAL SCIENCE

- AUG.** : Ch. 11. Earth's Future in My Hands
- SEPT.** : Ch. 12. Real and Reel Violence

ART

- JULY** : **Paper** : 1. Still Life (1 work)
Paper : 2. Nature (1 work) Lily, Zinnia
- AUG.** : **Paper** : 1. Still Life (2 work)
Paper : 2. Nature (2 work) Sunflower, Tuberoses
- SEPT.** : **Paper** : 6. Chikankari Handkerchief (2 work)
Revision Portfolio

PRE BOARD EXAMINATION

HINDI

- OCT.** : **काव्य मंजरी** : बादल को घिरते देखा है।
व्याकरण : निबन्ध लेखन
सारा आकाश: नारी उत्पीड़न पर आधारित प्रश्न
- NOV.** : **गद्य संकलन** : दासी
सारा आकाश: शिरीष का चरित्र-चित्रण
व्याकरण : मुहावरे, निबन्ध, पुनरावृत्ति
- DEC.** : पुनरावृत्ति

Section B: Duties of the officials, Different type of signal & National and Internationls governing bodies and Tournament.

Practical : 1. Specialisation test, 2. Efficiency test (standing long jump)

JUNE : **Revision+Practical**

JULY : **Revision**

MORAL SCIENCE

MARCH+APRIL: Ch. 1. Fascinating Illusions

MAY+JUNE: Ch. 10. Caught in the Net

JULY : Revision and Problem Solving

ART

- MARCH** : **Paper** : 1. Still Life (1 work)
- APRIL** : **Paper** : 1. Still Life (2 works)
Paper : 2. Nature (2 works) Pink Kaner, Ficus
- MAY** : **Paper** : 1. Still life (1 work)
Paper : 2. Nature (1 work) Yellow kaner
- JUNE** : **Paper** : 6. Chikankari Embroidery
- JULY** : **Revision Portfolio**

II TERM EXAMINATION

HINDI

- JULY** : **सारा आकाश** : भाभी का चरित्र-चित्रण
व्याकरण : अपठित गद्यांश
- AUG.** : **काव्य मंजरी** : तुलसी के पद
गद्य संकलन : संस्कृति क्या है ?
व्याकरण : निबन्ध

नोट:- (द्वितीय चरण की परीक्षा में प्रथम तथा द्वितीय दोनों चरणों का ही पाठ्यक्रम सम्मिलित होगा)

SEPT. : पुनरावृत्ति

ENGLISH LANGUAGE

- JULY** : Discussion of Question Paper
Statement of Purpose, Functional Grammar
- AUG.** : Comprehension Passage, Composition (Argumentative),
News paper Report
- SEPT.** : Proposal Writing (Revision) Revision and Problem Solving

ENGLISH LITERATURE

- JULY** : **Discussion of Question Paper**
Story : The Cookie Lady
- AUG.** : **Drama**: Macbeth (Act IV, Scene I & II)
Poem : Small Towns and the River
- SEPT.** : **Drama**: Macbeth (Act IV, Scene III), Revision & Problem Solving

MATHEMATICS

- JULY** : Ch. 6. Indeterminate forms,
Ch. 7. Applications of Derivatives (to be contd...)
- AUG.** : Ch. 7. Applications of Derivatives, Ch. 8. Integrals,
Ch. 2. Linear Regression (Section-C),
Ch. 3. Application of Integrals (Section-B)
- SEPT.** : **Revision, From 1- September 2025 onwards**

PHYSICS

- JULY** : **Theory : Unit - 3 Magnetic Effects of Current & Magnetism**
(ii) Magnetism and Matter
* Torque on a Current Loop : Moving coil Galvanometer
* Magnetic Field and Earth's Magnetism (as per syllabus)
* Magnetic Classification of Substances
Practical : (3) Displacement Method
- AUG.** : **Theory : Unit - 4 Electromagnetic Induction & Alternating Current**
(i) Electromagnetic Induction
(ii) Alternating Current
Theory : Unit - 5 Electromagnetic Waves
Theory : Unit - 6, Optics {Ray and Optical Instruments}
(i) Reflection of light - spherical mirror
(ii) Refraction of light at plane interface : Total Internal Reflection :
Optical Fibre
(iii) Refraction of Light at Spherical Surfaces - Lenses
(iv) Refraction and Dispersion of Light Through Prism
Practical : (4) Experiment Based on Meter Bridge using Voltmeter
and Ammeter
- SEPT.** : **Theory : Unit - 6 Optics {Ray and Optical Instruments}**
(v) Optical Instruments
Revision

CHEMISTRY

- JULY** : Chemical Kinetics
Practical : Salt Analysis II and III group
- AUG.** : Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic
Acids (to be contd...)
Practical : Titration - KMnO_4 Vs FAS
- SEPT.** : Aldehydes, Ketones and Carboxylic Acids, Revision

BIOLOGY

- JULY** : **Theory** : Evolution
- AUG.** : **Theory** : 7. Human Health and Diseases
8. Microbes in human welfare
Practical : Isolation of DNA, Spotting : Plasmodium, Entamoeba,
Effect of temperature and pH on salivary amylase

- SEPT.** : **Theory** : 9. Biotechnology- Principles & Processes (to be contd...)

BIOTECHNOLOGY

- JULY** : Ch. 4. Innovations in Biotechnology
Ch. 5. Gene analysis techniques
Practical : 5. DNA Isolation
- AUG.** : **Theory : Unit - 3** Cell culture technology,
Ch. 6. General tools and Techniques used in cell culture technology
(a) Instruments (only uses)
(b) Techniques (Sterilization, Cryopreservation,
Cell counting, Types of culture media)
Practical : 7. Preparation of culture media
8. Inoculation and incubation of lactobacillus
9. Slant preparation, 10. Cell viability test by evan's blue dye

- SEPT.** : **Revision**

COMPUTER SCIENCE

- JULY** : Ch. 8. Arrays
- AUG.** : Ch. 8. Arrays (to be contd...)
Ch. 12. Inheritance, Interface and Polymorphism
- SEPT.** : Ch. 10. Class as user defined and constructors (object passing)

ACCOUNTS

- JULY** : Retirement & Death of a Partner
- AUG.** : Dissolution of a Partnership Firm, Accounting Ratios (Activity Ratios
& Profitability Ratios)
- SEPT.** : **Revision of II Term Syllabus**

COMMERCE

- JULY** : Functions of management and Coordination
- AUG.** : Planning, Organising, Staffing, Directing (contd...)
- SEPT.** : Directing, +Project II and Revision

ECONOMICS

- JULY** : Laws of Return, Cost & Revenue
- AUG.** : Producer's Equilibrium, Determination of Eq. Price & Quantity, Budget,
Fiscal policy (contd...)
- SEPT.** : Fiscal Policy, Project-II

HISTORY

- JULY** : **Section A:** Ch. 4. Changing Face of Indian Democracy (1977-86)
(contd....)
- AUG.** : **Section A:** Ch. 4. Changing Face of Indian Democracy (1977-86)
Section B: Ch. 8. De-Colonisation in Asia and Africa, Ch. 5 India's
Foreign Policy
- SEPT.** : **Revision+Project Work**