

PHYSICAL EDUCATION

- OCT. : Units – 5: Sports and Nutrition
Units – 6: Test and measurement in Sports
NOV. : Units – 9: Psychology and Sports
Practical +Revision for I Pre-Board Exam.
DEC. : Revision for Board Examination

YOGA

- OCT. : Specific Skills : Unit 3 : Yoga for Health Promotion – II (contd...)
Employability Skills : Unit 5: Green Skills-IV (contd...). Practical
NOV. : Specific Skills Unit 3 : Yoga for Health Promotion – II
Employability Skills : Unit 5 : Green Skills-IV, Practical
DEC. : Revision for pre board examination and Practical

FINE ART (PAINTING)

- OCT. : Modern Trends of Indian Art, Bengal School of Art
Practical: Still Life - 1 work, Composition - 1 Work
NOV. : Modern Trends of Indian Art,
The Bengal School of Painting, Modern Indian Art
Practical: Still Life - 2 Works, Composition - 2 Works, Portfolio
DEC. : Revision
Revision (Full Syllabus)
Practical: Final Portfolio

HINDUSTANI VOCAL MUSIC

- OCT. : Life sketch and Contribution of Faiyaz Khan, Bade Ghulam Ali Khan, Krishna Rao, Shankar Pandit.
Practical : One Drut Khayal with simple elaboration and few tanas in the following Ragas - Bhairav, Bageshri and Malkauns.
NOV. : Historical development of Time Theory of Ragas, and Detail study of the following Sangeet Ratnakar Sangeet Parijat
Practical : Recitation of the Thekas of Jhaptala, Rupak, and Dhamar with Dugun and Chaugun, keeping tala with handbeats.
DEC. : Revision All unit

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



COURSE FOR CLASS XII (CBSE) : 2024-25

I TERM EXAMINATION

HINDI

- MARCH : आरोह : गद्य खण्ड : भक्तिन (contd...)
APRIL : आरोह : गद्य खण्ड : भक्तिन, पहलवान की डोलक, काले मेघा पानी दे
व्याकरण : विभिन्न माध्यमों के लिए लेखन
वितान : जूझ
आरोह : काव्य खण्ड: उषा
MAY : आरोह : काव्य खण्ड: कविता के बहाने, बात सीधी थी पर
वितान : सिल्वर वैडिंग
JUNE : अपठित गद्यांश, अपठित पद्यांश
परियोजना कार्य : 'उषा' कविता के आधार पर गाँव की गतिशीलता का सजीव चित्रण
JULY : पुनरावृत्ति।

ENGLISH

- MARCH : Introduction to question paper pattern and typology of questions,
Note making
APRIL : Flamingo : The Last Lesson, My Mother At Sixty Six
Vistas : The Tiger King
CWS : Notice Writing, Article Writing, Comprehension
MAY : Flamingo : Lost Spring, Aunt Jennifer's Tigers
Vistas : Journey to the end of the Earth, Should Wizard Hit Mommy
CWS : Report Writing, Comprehension (Case Based)
JUNE : CWS : Invitations and Replies, Job Application, Letter to Editor,
Letter to School Authorities, Business Letters (Inquiry,
Response to Inquiry, Placing orders, Complaints, Apology),
Comprehension
JULY : Revision and Problem Solving + ALS

MATHEMATICS

- MARCH : Matrices (contd...)
APRIL : Matrices, Determinants, Relations and Functions, Inverse Trigonometric
Functions (contd..)
MAY : Inverse Trigonometric Functions, Linear Programming, Continuity and
Differentiability, Application of Derivatives (contd...)
JUNE : Application of Derivatives, Revision
JULY : Revision + I Term Exams.

PHYSICS

- MARCH :** **Theory :** Ray Optics and Optical Instruments
- APRIL :** **Theory :** Ray Optics and Optical Instruments (contd..), Wave Optics
Practical: 1. To find the value of v for different values of u in case of concave mirror and to find the focal length of concave mirror.
2. To find the focal length of convex lens by plotting $1/v$ versus $1/u$ graph.
3. To determine the refractive index of water by using concave mirror.
- MAY :** **Theory :** Electric charges and fields, Electrostatic potential and Capacitance.
Activity : (1) To observe the diffraction of light due to single slit.
Activity : (2) To study the size and nature of images formed by (i) convex lens and (ii) concave mirror on a screen using a candle.
Activity : (3) To identify a Diode, an LED, a Resistor and a Capacitor from a mixed collection of such items.

JUNE : **Revision of Course**

CHEMISTRY

- MARCH :** d and f Block Elements
- APRIL :** d and f Block Elements, Co-ordination compounds, Solutions, (to be contd...)
Practical : Salt Analysis (0 and I group)
- MAY :** Solution, Haloalkanes and Haloarenes
Practical : Titration KMnO_4 vs Oxalic acid
- JUNE :** **Revision**, Functional group tests- $-\text{OH}$ (Alc), $-\text{CHO}$ and $>\text{C}=\text{O}$
- JULY :** **Revision**

BIOLOGY

- MARCH :** **Theory :** Ch. 1. Sexual reproduction in flowering plant
- APRIL :** **Theory :** Ch. 1. Sexual reproduction in flowering plant (contd...)
Ch. 2. Human Reproduction, Ch. 3 Reproductive health
Practical: 1. Isolations of DNA from available plant material as pea, banana etc.
2. Prepare a temporary mount to observe pollen germination.
3. Prepare a temporary mount of onion root tip to study mitosis.
- MAY :** **Theory :** Ch. 4. Principles of inheritance and variation
Ch. 5. Molecular basis of inheritance
Practical: 4. Study the plant population density by quadrat method
5. Study the plant population frequency by quadrat method.
- JUNE :** **Theory :** Ch. 5. Molecular basis of inheritance (continued)
- JULY :** **Revision+Practical of spotting+first term examination.**

ECONOMICS

- OCT. :** Balance of Payment, Aggregate Demand, Aggregate Supply and Related Concept, Short Run Equilibrium output and Problem of Deficient Demand and Excess Demand.
- NOV. :** Human Capital formation in India, Employment, Comparative Development Experience of India and its Neighbours
- DEC. :** **Revision, I Pre-Board Examination**
- JAN. :** **II Pre-Board Examination**

HISTORY

- OCT. :** Ch. 10. Rebels and Raj
Ch. 11. Mahatma Gandhi and the National Movement
- NOV. :** Ch. 12. Framing the constitution
- DEC. :** **Revision, Map work**
- JAN. :** **Revision**

GEOGRAPHY

- OCT. :** **India People and Economy :** Ch. 6. Planning and Sustainable Development in Indian Context
Ch. 7. Transport and Communication
Fundamentals of Human Geography: Ch. 6. Tertiary and Quaternary activities
Ch. 7. Transport and Communication (contd...)
- NOV. :** Ch. 7. Transport and Communication
India People and Economy : Ch. 8. International Trade
Ch. 9. Geographical Perspective on selected Issues and Problems
Practical Work: Ch. 4. Spatial Information Technology
- DEC. :** **Revision and Map Work**

POLITICAL SCIENCE

- OCT. :** **Book - 2:** Ch. 6. The Crisis of Democratic order,
Book - 1: Ch. 7. Globalisation,
Book - 2: Ch. 7. Regional Aspirations
- NOV. :** **Book - 2:** Ch. 8. Recent Development in Indian Politics, Map Work
- DEC+JAN:** **Revision**
Book - 1 : Contemporary World Politics
Book - 2 : Politics in India since Independence

PSYCHOLOGY

- OCT. :** Ch. 6. Attitude and Social Cognition
- NOV. :** Ch. 7. Social Influence and Group Processes
- DEC. :** **Practical Work**
- JAN. :** **Revision**

NOV. : **Theory** : Nuclei, Semi-conductor
Practical: 8. To draw I-V characteristics curve of p-n junction in forward and reverse bias.

DEC : Revision of full course **I Pre-Board Examination**

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

CHEMISTRY

OCT. : Amines, Biomolecules

Practical : Salt Analysis V and VI group

NOV. : Electrochemistry, Revision for 13 days

Practical : Test of Carbohydrate, Protein, Fats

DEC. : **Revision**

I & II Pre-Board Examination

BIOLOGY

OCT. : **Theory** : Ch. 10. Biotechnology and its Application

Ch. 11. Organisms and Population

Practical: Practice of core experiment

NOV. : **Theory** : Ch. 12. Ecosystem

Ch. 13. Biodiversity and its conservation

DEC. : **Revision of theory and Practical, I Pre-Board Examination**

JAN. : **Revision**

COMPUTER SCIENCE

OCT. : Database Management interface Python with My SQL

NOV. : Practical file and project work, Data Structure: Stack, operations on stack (push and pop), implementation of stack using list, **Revision**

DEC. : **I Pre-Board Examination, Revision**

JAN. : **Revision**

ACCOUNTANCY

OCT. : Issue of shares, Issue of Debentures

NOV. : Comparative and common size statements, Cash flow statement
Revision of I Pre-Board Exam- Syllabus

DEC. : Revision of I Pre-Board Exam- Syllabus
I Pre-Board Exams

Revision contd... for II Pre-Board Exams

JAN. : **Revision for II Pre-Board Exams, II Pre-Board Exams**

BUSINESS STUDIES

OCT. : Staffing, Financial Management

NOV. : Directing, Controlling, Consumer Protection, **Revision**

DEC. : **Revision, I Pre-Board Exams**

JAN. : **II Pre-Board Exams**

FEB. : **Revision**

COMPUTER SCIENCE

MARCH : Python Revision Tour

APRIL : Python Revision Tour (Contd.), Python Revision Tour-II

MAY : Working with Functions

JUNE : Working with Functions (contd....), **Revision**

JULY : **Revision for I Term Home Examination**

ACCOUNTANCY

MARCH : Fundamentals of Partnership (contd...)

APRIL : Fundamentals of Partnership, Change in Profit sharing ratio,
Admission of a new partner contd...

MAY : Admission of a new partner, Financial statements of companies,
Analysis of Financial statements,
Project Work

JUNE : **Revision of I Term Syllabus**

JULY : **Revision of I Term Syllabus**

BUSINESS STUDIES

MARCH : Nature and significance of management (to be contd...)

APRIL : Nature and significance of management, Principles of management,
Business environment (contd...)

MAY : Business environment, Planning, Organising, (contd...)

Project file

JUNE : Organising +**Revision**

JULY : **Revision**

ECONOMICS

MARCH : Indian Economy on the eve of Independence (to be contd.. .)

APRIL : Indian Economy on the eve of Independence, Indian Economy
(1950-1990), Money

MAY : Rural development, Banking, Government Budget and the economy

JUNE+JULY : **Revision**

HISTORY

MARCH : **Book 1 : Themes in Indian History Part - I** : Ch. 1. Bricks,
Beads and Bones (contd...)

APRIL : Ch. 1. Bricks, Beads and Bones

Ch. 2. Kings, Farmers and Towns

Ch. 3. Kinship, Caste and Class

MAY : Ch. 4. Thinkers, Beliefs and Buildings

Book 2 : Themes in Indian History Part - II :

Ch. 5. Through the eyes of Travellers

JUNE : Ch. 6. Bhakti - Sufi Traditions

JULY : **Revision**

GEOGRAPHY

- MARCH+APRIL : Fundamentals of Human Geog. :** Ch. 1. Human Geography : Nature and Scope
Ch. 2. The World Population : Distribution, Density and Growth
India : People and Economy : Ch. 1. Population : Distribution, Density, Growth and Composition Ch.2. Human Settlements
- MAY :** **India : People and Economy :** Ch. 3. Land Resources and Agriculture
Fundamentals of Human Geog. : Ch. 3. Human Development
- JUNE :** **Practical Work :** Ch. 1. Data- Its Source and Compilation
Ch. 2. Data Processing
- JULY :** **Revision +Map Work**

POLITICAL SCIENCE

- MARCH :** **Book - 1 :** Ch. 1. The End of Bipolarity
- APRIL :** **Book - 1 :** Ch. 1. The End of Bipolarity (contd...)
Ch. 2. Contemporary Centres of Power
Book - 2 : Ch. 1. Challenges of Nation Building
- MAY :** **Book - 1 :** Ch. 2. Contemporary Centres of Power
Book - 2 : Ch. 2. Era of One Party Dominance
- JUNE :** **Book - 2 :** Ch. 3. Politics of Planned Development
- JULY :** **Revision and Project Work**

PSYCHOLOGY

- MARCH :** Ch. 1. Variations in Psychological Attributes
- APRIL :** Ch. 1. Variations in Psychological Attributes (contd...)
- MAY :** Ch. 2. Self and Personality
- JUNE :** Ch. 3. Meeting Life Challenges
- JULY :** **Revision**

PHYSICAL EDUCATION

- MARCH :** **Unit – 1 :** Management of Sporting Events (contd..)
- APRIL :** **Unit – 1 :** Management of Sporting Events
Unit – 2 : Children and Women in Sports **+Practicals**
- MAY :** **Unit – 8 :** Biomechanics and Sports
Unit – 10: Training in Sports
- JUNE :** **Unit – 10:** Training in Sports
- JULY :** **Revision for I Term Examination+Practical**

YOGA

- MARCH :** **Employability Skills : Unit 1:** Communication Skills-IV (contd..)
- APRIL :** **Specific Skills : Unit 1** Introduction to Yoga and Yogic Practices –II (contd...)
Employability Skills : Unit 1 : Communication Skills – III
Practical

व्याकरण : कैसे करें कहानी का नाट्य रूपान्तरण, कैसे बनता है रेडियो नाटक, कैसे लिखें कहानी, कैसे बनती है कविता
(परियोजना-‘शिरीष के फूल’ पाठ पर आधारित प्राकृतिक सौन्दर्य का चित्रण)

- DEC. :** पुनरावृत्ति।
- JAN. :** पुनरावृत्ति।

ENGLISH

Discussion of Question Paper

- OCT. :** **Flamingo:** Poets And Pancakes, The Interview (Part I and II), A Roadside Stand
Vistas : Evans Tries An O-Level, Memories of Childhood-(The Cutting of My Long Hair)
- C.W.S. :** Posters, Comprehension
- NOV. :** **Flamingo:** Going Places, An elementary School Classroom In A Slum
Vistas : On The Face of It
C.W.S. : Comprehension
- DEC. :** Revision and Problem Solving +ALS
Test will be conducted every Month Practice of Note Making will be done for each chapter from Flamingo and Vistas.

MATHEMATICS

- OCT. :** Vector Algebra, Three Dimensional Geometry (contd...)
- NOV. :** Three Dimensional Geometry, Probability, **Revision**
- DEC. :** **Revision, I Pre- Board Exam**
- JAN. :** **Revision, II Pre- Board Exam**
- FEB. :** **Revision**

PHYSICS

- OCT. :** **Theory :** Alternating current, Electromagnetic Waves, Dual nature of radiation and Matter waves, Atoms
Practical : 7. To determine the resistance of galvanometer by half deflection method and find it's figure of merit
- Activity :** (4) To assemble a house-hold circuit comprising three bulbs, three(ON/OFF) switches, a fuse and a power source.
(5) To assemble the components of given electrical circuit.
(6) To draw a diagram of a given open circuit comprising at least a battery, a resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram.

PSYCHOLOGY

- JULY** : Ch. 4. Psychological Disorders (contd...)
AUG. : Ch. 4. Psychological Disorders Ch. 5. Therapeutic Approaches
SEPT. : **Revision + Practical Work**

PHYSICAL EDUCATION

- JULY.** : **Unit - 7** : Physiology and Injuries in Sport
AUG. : **Unit - 3** : Yoga as Preventive Measure for Lifestyle Disease
Unit - 4 : Physical Education and Sports for CWSN
(Children with Special Needs- Divyang)+**Practical**
SEPT. : **Revision for II Term Examination+Practical**

YOGA

- JULY** : **Specific Skills : Unit 2** : Introduction to Yoga Texts– II (contd..)
Employability Skills Unit 3 : ICT Skills – IV, **Practical**
AUG. : **Specific Skills : Unit 2** : Introduction to Yoga Texts – II
Employability Skills : Unit 4 : Entrepreneurial Skills–IV, **Practical**
SEPT. : **Revision for II term examination and Practical**

FINE ART (PAINTING)

- JULY** : Deccan School of Miniature, Painting
Practical: Still Life -1 Work, Composition -1 Work
AUG. : Deccan School of Miniature, Painting
Practical: Still Life -2 Works, Composition -2 Works
SEPT. : Mughal School of Miniature Painting, Revision
Practical: Composition - 2 Works

HINDUSTANI VOCAL MUSIC

- JULY** : Revision, after Exams - Brief study of the following Gram, Murchhana, Alap, Tana.
Practical: Ability to recognize the Ragas from the Phrases of swaras rendered by the examiner.
AUG. : Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them excluding Raga Shuddha Sarang.
Practical: One Vilambit Khayal with simple elaborations and few Tanas in any two of the prescribed Ragas.
SEPT. : **Revision All unit**

PRE-BOARD EXAMINATION

HINDI

- OCT.** : **आरोह** : काव्य खण्ड: छोटा मेरा खेत, बगुलों के पंख, एक गीत, आत्म परिचय
गद्य खण्ड : शिरीष के फूल
वितान : अतीत में दबे पाँव
व्याकरण : विशेष लेखन स्वरूप और प्रकार, नए और अप्रत्याशित विषयों पर लेखन
NOV. : **आरोह** : गद्य खण्ड : श्रम विभाजन और जाति-प्रथा, मेरी कल्पना का आदर्शसमाज
काव्य खण्ड: पतंग, बादल राग

- MAY** : **Specific Skills : Unit 1** : Introduction to Yoga and Yogic Practices – II
Employability Skills : Unit 2 : Self-Management Skills – IV **Practical**
JUNE+JULY: Revision for I term examination and Practical

FINE ART (PAINTING)

- MARCH:** **Theory** : Six Limbs of Indian Painting
Practical: Still Life (1 work)
APRIL : **Theory** : Six Limbs of Indian Painting, Rajasthani Painting
Practical: Still Life (1 work) Composition (1 work), Portfolio
MAY : **Theory** : Elements and Principals of Visual Arts, Pahari School of Miniature Painting
Practical: Composition (1 work)
JUNE : **Theory** : Mughal Miniature Painting
Practical: Composition (2 works)
JULY : **Revision + Portfolio**

HINDUSTANI VOCAL MUSIC

- MARCH:** Introduction of the subject and syllabus, Tuning of Tanpura
APRIL : Brief study of the following -Alankar, Kan, Meend, Khatka, Murki, Gamak
Practical : One Drut Khayal with simple elaboration and few tanas in the following Ragas - Bhairav, Bageshri and Malkauns.
MAY : Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and Chaugun, Jhaptala, Rupak, Dhamar
Practical : One Vilambit Khayal with simple elaborations and few Tanas in any two of the prescribed Ragas.
JUNE : Writing in Notation the Compositions of Prescribed Ragas. ☑ Bhairav
☑ Bageshri ☑ Malkauns
Practical: One Tarana and one Dhamar with dugun and chaugun in any one of the prescribed Ragas.
JULY : **Revision**

II TERM EXAMINATION

HINDI

- JULY** : **आरोह** : गद्य खण्ड : बाजार दर्शन
आरोह : काव्य खण्ड : रुबाइयाँ
AUG. : **आरोह** : काव्य खण्ड : कैमरे में बंद अपाहिज, कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप
व्याकरण: पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया, नाटक लिखने का व्याकरण
SEPT. : रचनात्मक लेख, परियोजना कार्य, पुनरावृत्ति
(परियोजना- लक्ष्मण मूर्च्छा और राम पाठ पर आधारित फाइल)

ENGLISH

Discussion of Question Paper

- JULY** : **Flamingo** : Deep water, Keeping Quiet
Vistas : The Third Level
- AUG.** : **Flamingo** : The Rattrap, A Thing of Beauty
Vistas : The Enemy
C.W.S. : Speech and Debate Writing, Advertisements (Classified), Comprehension
- SEPT.** : **Flamingo** : Indigo
Vistas : Memories of Childhood (We Too are Human Beings)
C.W.S. : Comprehension+ALS, **Revision & problem solving**

MATHEMATICS

- JULY** : Integrals (contd...)
AUG. : Integrals, Application of Integrals, Differential Equations (contd...)
SEPT. : Differential Equations + **Revision**

PHYSICS

- JULY** : **Theory** : Current Electricity
Practical: 4. To determine resistivity of two wires by plotting a graph for potential difference versus current.
- AUG.** : **Theory** : Moving charges and magnetic effect of current, Magnetism and matter, Electromagnetic Induction
Practical: 5. To determine the resistance of a given wire by using meter bridge.
6. To verify the law of series combination of resistors by using meter bridge.
- SEPT.** : **Theory** : Electromagnetic Induction (contd...), **Revision**

CHEMISTRY

- JULY** : Chemical Kinetics
Practical : Salt Analysis- II and III group
- AUG.** : Alcohol Phenols and ethers, Aldehydes, Ketones and carboxylic acids (to be contd.)
Practical : Titration KMnO_4 vs Mohr's salt, Functional group test- Phenol $-(\text{OH})$, $-\text{COOH}$
- SEPT.** : Aldehydes, Ketones and carboxylic acids
Practical : Salt Analysis : IV group
Functional group. Analysis : $-\text{NH}_2$ (Aromatic)

BIOLOGY

- JULY** : Ch. 6. Evolution (After Examination)
- AUG.** : **Theory** : Ch. 7. Human health and disease
Ch. 8. Microbes in human welfare
Ch. 9. Principles and process of biotechnology
- Practical** : Spotting - 1 to 11 as in syllabus.

- SEPT.** : **Revision+Practice of spotting + IInd Term Examination**

COMPUTER SCIENCE

- JULY** : Exceptional Handling
AUG. : File Handling, Communication and network concepts
SEPT. : **Revision for II Term Examination**

ACCOUNTANCY

- JULY** : Retirement and death of a partner, Dissolution of a partnership firm (to be contd...)
AUG. : Dissolution of a partnership firm, Accounting Ratios
SEPT. : **Revision of II Term syllabus**

BUSINESS STUDIES

- JULY** : Marketing (contd...)
AUG. : Marketing, Financial Market,
Revision of Chapters - 1, 2, 3, 4, 5, 6, 10 and 11.
- SEPT.** : **Revision**

ECONOMICS

- JULY** : Economic Reforms Since 1991 and NEP 1991
AUG. : Introduction of Macro Economics, Some Basic Concepts of Macro Economics, National Income and Related Aggregates and Methods of Calculating National Income and Foreign Exchange Rate
- SEPT.** : Environment and Sustainable Development+**Revision for II Term Examination**

HISTORY

- JULY** : **Book - 2** : Ch. 7. An Imperial Capital : Vijayanagar
AUG. : **Book - 2** : Ch. 8. Peasants Zamindars and The States Colonialism
Book - 3 : **Themes in Indian History Part-III** : Ch. 9. Colonialism and The Countryside
- SEPT.** : **Revision**

GEOGRAPHY

- JULY** : **India : People & Economy** : Ch. 4. Water Resources (contd...)
AUG. : **India : People & Economy** : Ch. 4. Water Resources
Ch. 5. Mineral and Energy Resources
Fundamentals of Human Geog. : Ch. 4. Primary Activities
Ch. 5. Secondary Activities
- Practical Work** : Ch 3. Graphical Representation of Data
- DEC.** : **Revision +Map Work**

POLITICAL SCIENCE

- JULY** : **Book- 2** : Ch. 4. India's External Relations
AUG. : **Book- 1** : Ch. 5. Security in the Contemporary World
Book- 2 : Ch. 5. Challenges to and the Restoration of the Congress System
- SEPT.** : **Book- 1** : Ch. 6. Environment and Natural Resources, **Revision**