

FEB. : Theory : Ch. 19 : Chemical Coordination
Revision + Annual Exam

COMPUTER SCIENCE

DEC. : 5. Introduction to Emerging Technology
JAN. : 5.1 Block Chain and Digital Crypto Currency
5.2 Introduction to Virtual Reality and AR
5.3 Internet of Things IOT, 3D Printing
5.4 Cloud Computing
FEB. : Practice Programming in Python
Revision for Annual Exam.

ACCOUNTANCY

DEC. : Rectification of Errors
JAN. : Structuring Data Base for Accounting, Accounting System using Data Base Management System
FEB. : Revision of Annual Exam Syllabus

BUSINESS STUDIES

JAN. : International Business + Revision
FEB. : Revision

ECONOMICS

JAN. : Comparative Development Experiences of India and It's Neighbouring Countries, Index number + Revision
FEB. : Revision of Annual Exam Syllabus.

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



COURSE FOR CLASS XI (UP BOARD) : 2026-27 HALF YEARLY EXAMINATION

HINDI

APRIL : गद्य एवं काव्य साहित्य का इतिहास
काव्य सौन्दर्य के तत्त्व : छन्द : दोहा, सोरठा, चौपाई, कुण्डलिया (परिभाषा एवं उदाहरण)
रस : शृंगार, वीर, करुण, हास्य, शान्त (लक्षण एवं उदाहरण)
अलंकार : अर्थालंकार : उपमा, रूपक, उत्प्रेक्षा, भ्रान्तिमान एवं संदेह
शब्दालंकार : अनुप्रास, यमक, श्लेष
व्याकरण : लोकोक्ति एवं मुहावरे (अर्थ एवं वाक्य प्रयोग)
सन्धि : दीर्घ, गुण, यण्, अयादि। (सन्धि-विच्छेद)
शब्द रूप : आत्मन्, नामन्, राजन्, जगत्, सरित्
सर्वनाम : सर्व, इदम्, यद्।
शब्दयुग्म, वाक्यांश के लिए एक शब्द, अनेकार्थी शब्द, वाक्यों में त्रुटिमार्जन।
पत्र : ऋण हेतु आवेदन पत्र, नियुक्ति हेतु आवेदन पत्र।
निबन्ध : समसामयिक तथा प्रचलित विषयों पर।
MAY : कथा खण्ड : बलिदान, आकाशदीप (सारांश, उद्देश्य)
गद्य खण्ड : भारतवर्षोन्नति कैसे हो सकती है ? (लेखक का साहित्यिक परिचय एवं गद्यांश पर आधारित प्रश्नोत्तर।)
JUNE : काव्य खण्ड : कबीर-साखी, पदावली (कवि का साहित्यिक परिचय, काव्यांश पर आधारित प्रश्नोत्तर)
JULY : गद्य खण्ड : महाकवि माघ का प्रभात वर्णन, आचरण की सभ्यता
संस्कृत खण्ड : वन्दना, प्रयागः, सदाचारोपदेशः (पाठ अनुवाद, सन्दर्भ)
AUG. : काव्य खण्ड : सूरदास-विनय, वात्सल्य, भ्रमरगीत
गद्य खण्ड : सड़क सुरक्षा
SEPT. : पुनरावृत्ति।

ENGLISH

APRIL : Discussion of Question Paper Pattern
Hornbill : The Portrait of A Lady
Grammar : Narration (Assertive and Interrogative Sentences),
Figures of Speech, Informal Letter
Writing Skills : Comprehension Passage
Vocabullary : Antonyms/Synonyms/One word substitution

MAY	Snapshots	The Summer of the Beautiful White Horse
	Grammar	Narration (Imperative and Exclamatory Sentences), Active Passive Voice, Translation Passage
JUNE	Grammar	Narration (Optative Sentences) Synthesis (Compound Sentences), Syntax (Noun)
JULY	Hornbill	We're not Afraid to Die ...
	Poem	A Photograph
	Grammar	Synthesis (Complex Sentences)
	Vocab.	Homophones, Idioms & Phrases
	Reading	Note Making and Summarizing
	Writing	Formal Letters
AUG.	Poem	Childhood
	Snapshots	The Address, Ranga's Marriage
	Grammar	Synthesis (Simple Sentences), Transformation (Use and Removal of Adverb 'Too'), Degrees of Comparison, From Affirmative and Negative Sentence, Syntax of Pronoun
	Writing Skills	Article writing
SEPT.	Hornbill	Landscape of the Soul
	Writing Skills	Letter to Editor, Revision of Note Making and Vocabulary

MATHEMATICS

APRIL	Revision of Mathematical Facts Ch. 1 : Sets, Ch. 2 : Relations and Functions (continued)
MAY	Ch. 2 : Relations and Functions, Ch. 5 : Linear Inequalities + Revision
JUNE	Revision
JULY	Revision, Ch. 3 : Trigonometric Functions Ch. 4 : Complex Numbers and Quadratic Equations
AUG.	Ch. 11 : Introduction to Three Dimensional Geometry Ch. 12 : Limits and Derivatives, Ch. 13. Statistics
SEPT.	Revision

PHYSICS

APRIL	Theory: Units and Measurements, Motion in a Plane (Vector Analysis), Mathematical Tools
MAY	Theory: Mathematical Tools (contd...), Motion in a Straight Line, Revision of Vector Analysis Practical (i) : To Measure the diameter of a spherical or cylindrical body by using Vernier Callipers.
JUNE	Theory: Revision of Vector Analysis and Mathematical Tools
JULY	Theory: Motion in a plane (Projectile Motion), Laws of Motion including U.C.M. and Friction, Work, Energy and Power

ANNUAL EXAMINATION

HINDI

DEC.	काव्य खण्ड : बिहारी-भक्ति एवं शृंगार संस्कृत : विश्ववन्धा कवय
JAN.	गद्य खण्ड : गेहूँ बनाम गुलाब निबन्ध लेखन : समस्या आधारित निबन्ध।

ENGLISH

DEC.	Hornbill : The Ailing Planet Poem : The Voice of the Rain
JAN	Hornbill : Discovering Tut : The Saga Continues, The Browning Version Snapshots : Birth, The Tale of Melon City
FEB.	Revision of Literature, Grammar, Vocabulary and Writing Skills

MATHEMATICS

DEC.	Ch. 6. Permutations and Combinations
JAN.	Ch. 7. Binomial Theorem, Ch. 14. Probability + Revision
FEB.	Revision + Revision Test

PHYSICS

DEC.	Theory: Kinetic Theory of Gases Practical (vi) : To determine the force constant of a helical spring by graphical method.
JAN.	Theory: Oscillations and Waves
FEB.	Revision of Full Syllabus

CHEMISTRY

DEC.	Ionic Equilibrium (to be contd...) Practical : KMnO_4 and Oxalic Acid Filtration
JAN.	Ionic Equilibrium, Thermodynamics Practical : Salt analysis of III and IV group.
FEB.	Revision Practical : Salt analysis of V and VI group.

BIOLOGY

DEC.	Discussion of MCQ Paper
JAN.	Theory: Ch. 18 : Neural Control and Coordination Ch. 19 : Movement and Locomotion Practical : 13. Rate of Respiration in germinating seeds. 14. Test of Urea / Sugar/ Albumin / Bile salts in Urine. 15. Study of human skeleton.

NOV. : **Theory:** Thermal Properties of Matter, Thermodynamics
DEC. : **Revision**

CHEMISTRY

OCT. : Organic Chemistry - Some Basic Principles and Techniques
Practical : Salt Analysis - (II Group)
NOV. : Hydrocarbon (included in MCQ Exam),
Chemical Equilibrium (to be contd...) (Not included MCQ Examination)
DEC. : **Revision**

BIOLOGY

SEPT. : Discussion of Question Paper
OCT. : **Theory:** Ch. 11 : Photosynthesis in Higher Plants
Ch. 12 : Respiration in Plants
Practical : 9. To study of Osmosis by potato osmoscope,
10. Comparative study of stomata.
NOV. : **Theory:** Ch. 14 : Breathing and Exchange of Gases.
Ch. 15 : Body Fluids and Circulation
Practical : Ch. 11. Rate of transpiration in upper & lower surface of leaf.
Ch. 12. Separation of pigments by paper chromatography.
DEC. : **Revision**

COMPUTER SCIENCE

SEPT. : **3. Introduction of Python Programming and Data Types**
OCT. : 3.1 Introduction to String, List and Tuple
NOV. : 3.2 Introduction to Dictionary and Its Functions
4. Artificial Intelligence
DEC. : **Revision for MCQ Exams**

ACCOUNTANCY

SEPT. : Provisions and Reserves
OCT. : Depreciation, Capital and Revenue, Financial Statements
NOV. : Financial Statements with Adjustments, Revision
DEC. : **Revision of MCQ Syllabus**

BUSINESS STUDIES

OCT. : Sources of Business Finance, Small Business Enterprises (contd...)
NOV. : Small Business Enterprises, Internal & Domestic Trade + **Revision**
DEC. : **Revision of MCQ Syllabus**

ECONOMICS

OCT. : Human Capital Formation, Rural Development,
Measures of Central Tendency (Mean, Median and Mode)
NOV. : Environment and Sustainable Development + Revision
DEC. : **Revision of M.C.Q. Syllabus**

Practical (ii) : To measure the diameter of a given wire by using Screw Gauge.

AUG. : **Theory:** System of Particles and Rotational Motion, Gravitation
Practical (iii) : To determine the weight of given body by using Law of Parallelogram of vectors.
Practical (iv) : To determine the radius of curvature of a spherical surface using a spherometer.

SEPT. : **Revision of syllabus**

CHEMISTRY

APRIL : Redox Reactions
MAY : Some Basic Concepts of Chemistry (to be contd...)
JUNE : Some Basic Concepts of Chemistry + Revision
JULY : Structure of Atom + Classification of Elements & Periodicity (to be contd...)
Practical : Basic Laboratory Technique
Na₂CO₃ with HCl Titration
AUG. : Classification of Elements & Periodicity in Properties,
Chemical Bonding and Molecular Structure + Revision
Practical : Salt Analysis (0 group)
SEPT. : **Revision**
Practical : Salt Analysis (I group)

BIOLOGY

APRIL : **Theory:** Ch. 1 : The Living World, Ch. 8 : Cell - The Unit of Life
MAY : **Theory :** Ch. 10 : Cell Cycle and Cell Division
Ch. 2 : Biological Classification, Ch. 3 : Plant Kingdom
Practical : 1. Parts of Microscope
2. To study mitosis through permanent slides.
JUNE : **Theory:** Ch. 4 : Animal Kingdom
Practical : 3. To study specimens of Microbes, Plants & Animals.
JULY : **Theory:** Ch. 4 : Animal Kingdom (contd...)
Ch. 5 : Morphology of Flowering Plants
Ch. 6 : Anatomy of Flowering Plants
Practical : 4. To study plant family *Solanaceae*
5. To study Dicot and Monocot Root and Stem by preparing temporary slides.
AUG. : **Theory:** Ch. 7 : Structural Organisation of Animals
Ch. 9. Biomolecules, Ch. 13. Plant Growth and Development
Practical : 6. To study Plasmolysis, 7. Nutrient testing,
8. Spotting of Mitosis and Inflorescence
SEPT. : **Theory :** Ch. 13 : Plant Growth and Development (contd...)
Revision

COMPUTER SCIENCE

- APRIL** : 1. **Computer Fundamentals and Number System**
1.2 Hardware Software Concepts,
MAY : 1.3 Number System, Binary, Decimal, Octal and Hexadecimal Number System
1.4 Primary Concept of Boolean Algebra, Truth Table and Logic Gates
JUNE : Revision
2. **Introduction to Python Programming**
JULY : 2.1 Introduction to Python Language, Data Types and Structure
AUG. : 2.2 Input Output Operation, Looping and Control Statements
SEPT. : **Revision for Half Yearly Exams.**

ACCOUNTANCY

- APRIL** : Meaning and Objectives of Accounting, Basic Accounting Terms, Accounting Equations
MAY : Basic of Original Entry - Cash Book, Accounting Principles, Process and Bases of Accounting
JUNE : Accounting Standards, Double Entry System
JULY : Origin of Transactions - Source Documents of Accountancy, Books of Original Entry - Journal
AUG. : Accounting for Goods and Service Tax (GST), Books of Original Entry - Special Purpose Subsidiary Books, Ledger, Trial Balance and Errors, Bank Reconciliation Statement
SEPT. : **Revision**

BUSINESS STUDIES

- APRIL** : Evolution and Fundamentals of Business
MAY : Forms of Business Organisation
JUNE : Public, Private and Global Enterprises (contd...)
JULY : Public, Private and Global Enterprises, Business Services
AUG. : Emerging Modes of Business, Social Responsibility and Business Ethics
SEPT : **Revision of Half Yearly Syllabus**

ECONOMICS

- APRIL** : Indian Economy on the Eve of Independence, Statistics - Concept, Significance
MAY : Collection of Data - Census and Sample Method (contd...)
JUNE : Collection of Data - Census and Sample Method, Features, Problems and Agricultural Policies, Industry and Trade (1950-1990)
JULY : Agriculture, Industry and Trade, Organisation of Data, Presentation of Data - Textual, Tabular, Diagrammatic Presentation
AUG. : Employment, Frequency Diagram, Arithmetic Line Graph + Revision
SEPT : **Revision of Half Yearly Syllabus**

MCQ EXAMINATION

HINDI

- OCT.** : **गद्य खण्ड** : शिक्षा का उद्देश्य, अधातो घुमक्कड़ जिज्ञासा
संस्कृत खण्ड : गीतामृतम्
काव्य खण्ड : तुलसीदास-भरत महिमा, गीतावली, कवितावली, विनय पत्रिका, दोहावली।
NOV. : **संस्कृत खण्ड** : हिमालयः
काव्य खण्ड : भूषण-शिवा शौर्य, छत्रसाल प्रशस्ति।
कथा खण्ड : प्रायश्चित्त, समय
संस्कृत खण्ड : लोभः पापस्य कारणम्
पत्र लेखन : क्षेत्र की सफाई व्यवस्था हेतु पत्र, विद्युत आपूर्ति शिकायती पत्र।
DEC. : **पुनरावृत्ति**

ENGLISH

- SEPT.** : **Discussion of question paper**
OCT. : **Hornbill** : The Adventure
Poem : Father to Son
Snapshots : Albert Einstein at School
Grammar : Transformation (All Remaining Topics), Syntax (Adverb and Adjective), Business Letters, Translation Passage
NOV. : **Hornbill** : Silk Road, Mother's Day
Poem : The Laburnum Top
Snapshots : The Ghat of the Only World
Poem : Syntax (Subject Verb Agreement), Preposition and Conjunction
DEC. : **Revision**

MATHEMATICS

- SEPT.** : Ch. 8. Sequences and Series (contd...)
OCT. : Ch. 8. Sequences and Series, Ch. 9. Straight Lines
NOV. : Ch. 10. Conic Sections + **Revision**
DEC. : **Revision**

PHYSICS

- SEPT.** : **Theory** : Mechanical Properties of Solids (Introduction)
OCT. : **Theory** : Mechanical Properties of Solids (continued), Mechanical Properties of Fluid
Practical (v) : Draw $L - T^2$ graph with the help of simple pendulum and determine the length of second pendulum.