

COMPUTER SCIENCE

- OCT. : 3. Introduction to Advanced Java**
3.1 Introduction to Arrays 1 D Array, 2-D Array and related programs
3.2 Introduction to String and related Programs, Multithreading Packages, Exception Handling, Manipulation, Java AWT, their importance and related Programs in Java
- NOV. : 4. Introduction to Robotics**
4.1 Introduction, Components, Hierarchy and Perception
4.2 Control, Programming and related application
- 5. Introduction to Drone Technology**
5.1 Introduction to Drone, Hierarchy and Perception
5.2 Calibration, Application, Operate and Flying area/zones
- DEC. : Revision of Syllabus and I- Pre Board**
JAN. : Revision of Syllabus and II- Pre Board

ACCOUNTANCY

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

BUSINESS STUDIES

- OCT. : Organising, Staffing**
NOV. : Directing and controlling
DEC. : Revision, I Pre-Board Exams
JAN. : II Pre-Board Exams

ECONOMICS

- OCT. : Short Run Equilibrium output, Problems of Excess and Deficient Demand, Production Function, Cost, Revenue, Producer's Equilibrium, Form of Market, Theory of supply**
NOV. : Market Equilibrium under Perfect Competition, Balance of Payment, Revision
DEC. : Revision, I Pre-Board Exams
JAN. : II Pre-Board Exams

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



COURSE FOR CLASS XII (U.P. BOARD) 2025-26

I TERM EXAMINATION

HINDI

MARCH : काव्य सौन्दर्य के तत्व : रस—शृंगार, करुण, हास्य, वीर, शान्त (लक्षण एवं उदाहरण)

छंद : दोहा, सोरठा, चौपाई, कुण्डलिया (लक्षण एवं उदाहरण)

अलंकार : शब्दालंकार : अनुप्रास, यमक, श्लेष

अर्थालंकार : उपमा, रूपक, उत्प्रेक्षा, भ्रान्तिमान, संदेह (लक्षण एवं उदाहरण)

कथा खण्ड : ध्रुवयात्रा (सारांश एवं उद्देश्य) अपठित गद्यांश, काव्यांश

APRIL : संस्कृत खण्ड: आत्मज्ञ एव सर्वज्ञः, भोजस्यौदार्यम् (पाठ अनुवाद)

गद्य खण्ड : राष्ट्र का स्वरूप, राबर्ट नर्सिंग होम में (लेखक— साहित्यिक परिचय एवं गद्यांश पर आधारित प्रश्नोत्तर)

काव्य खण्ड: अयोध्यासिंह उपाध्याय हरिऔध (कवि— साहित्यिक परिचय, काव्यांश आधारित प्रश्नोत्तर) पवन दूतिका

सत्य की जीत—कथावस्तु एवं प्रमुख पात्रों के चरित्र—चित्रण।

साहित्य इतिहास— गद्य एवं काव्य साहित्य का इतिहास।

MAY : काव्य खण्ड: मैथिलीशरण गुप्त— कैकेयी का अनुताप, गीत

संस्कृत खण्ड— सुभाषितरत्नानि

JUNE : व्याकरण : शब्दों में सूक्ष्म अंतर, वाक्यांश हेतु एक शब्द, अनेकार्थी शब्द, वाक्यों में त्रुटिमार्जन।

शब्द रूप : आत्मन्, नामन्, राजन्, जगत्, सरित्, सर्वनाम—सर्व, इदम्, यद्।

पत्र : ऋण हेतु आवेदन पत्र, नियुक्ति पत्र, क्षेत्र की सफाई हेतु पत्र।

निबंध : समसामयिक तथा प्रचलित विषयों पर।

JULY : पुनरावृत्ति

ENGLISH

MARCH : Introduction to Questions Paper Pattern

Flamingo : My Mother at Sixty Six

Grammar : Translation

APRIL : Flamingo : The Last Lesson

Poem : Keeping Quiet

Vistas : The Tiger King

Grammar : Narration and Letter Writing

MAY : Flamingo : Lost Spring

Vistas : Journey to the End of the Earth

Grammar : Transformation, Synthesis and Vocabulary

Reading : Comprehension passage

JUNE : **Grammar** : Syntax (Noun, Pronoun)
Writing : Letter to Editor, Article
Vistas : Should Wizard Hit Mommy
JULY : **Revision of Grammar & Literature**

MATHEMATICS

MARCH : Ch. 3. Matrices (contd...)
APRIL : Ch. 3. Matrices Ch. 4. Determinants, Ch. 1. Relations and Functions
 Ch. 2. Inverse Trigonometric Functions (contd...)
MAY : Ch. 2. Inverse Trigonometric Functions
 Ch. 12. Linear Programming
 Ch. 5. Continuity and Differentiability
 Ch. 6. Application of Derivatives (contd...)
JUNE : Ch. 6. Application of Derivatives+Revision
JULY : **Revision**

PHYSICS

MARCH : **Theory** : Electric Charges and Fields
APRIL : **Theory** : Electric Charges and Fields (continued), Electrostatic Potential & Capacitance
Practical: 1. To verify Ohm's law using ammeter and voltmeter and to determine the specific resistance of the material of wire.
 2. To determine in the resistance of a given wire by using meter bridge.
MAY : **Theory** : Current Electricity, Moving charges & Magnetic effect of current
Practical: 3. To determine internal resistance of any cell using potentiometer.

JUNE+JULY: Revision of course

CHEMISTRY

MARCH : d and f block, Elements
APRIL : Co-ordination Compound, Solutions (to be contd...)
Practical : Salt Analysis (0 and I group)
MAY : Solutions, Haloalkanes and Haloarenes
Practical : Titration KMnO_4 Vs oxalic acid
JUNE : Revision
Practical : Organic analysis, alcohol, aldehyde, ketone
JULY : **Revision**

BIOLOGY

MARCH : **Theory** : Ch. 1. Sexual reproduction in flowering plants
APRIL : **Theory** : Ch. 1. Sexual reproduction in flowering plant (contd...)
 Ch. 2. Human Reproduction, Ch. 3 Reproductive health
Practical : 1. Prepare a temporary mount to observe pollen germination.
 2. To study pollen germination through permanent slide.

DEC. : **Revision, I Pre- Board Exam, Revision**
JAN. : **Revision, II Pre- Board Exam.**
FEB. : **Revision**

PHYSICS

OCT. : **Theory** : Alternating Current, Electromagnetic Waves, Wave Optics
Practical : 8. To determine the resistance of galvanometer by half deflection method and find it's figure of merit.
NOV. : **Theory** : Dual nature of radiation and Matter waves, Atoms, Nuclei, Semiconductor
Practical : 9. 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 (to be contd...)
Practical : Salt Analysis V and VI group
NOV. : Biomolecules, Electrochemistry, Revision
Practical : Test of Carbohydrate, Protein, Fats
DEC. : **Revision, I Pre-Board Examination**
JAN. : **Revision, II Pre-Board Examination**

BIOLOGY

OCT. : **Theory** : Ch. 10. Biotechnology and its Application
 Ch. 11. Organisms and Population
Practical: 7. Isolation of DNA
 8. To study various stages of meiosis using permanent slides
 9. To study flowers adapted to pollination by different agencies.
 10. To study Pedigree chart of colour Blindness, Blood group, Tongue Rolling
 11. To study controlled pollination-emasculation, tagging bagging
 12. To study disease causing organisms through permanent slides (Entamoeba, Plasmodium, Ringworm)
 13. To study Homologous and Analogous organs in plants and Animals.
 14. To study symbiotic association in root nodules of leguminous plants.
NOV. : **Theory** : Ch. 12. Ecosystem
 Ch. 13. Biodiversity and its conservation
Practical : Revision
DEC. : **Revision +I Pre-Board Examination**
JAN. : **Revision +II Pre-Board Examination**

ACCOUNTANCY

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

BUSINESS STUDIES

- JULY** : Financial Market
AUG. : Consumer Protection, Business Environment, Planning (contd...)
SEPT. : Planning and **Revision for II Term Examination**

ECONOMICS

- JULY** : National Income and its related aggregates, Methods of calculating National Income (contd..)
AUG. : Methods of calculating National Income, AD-AS Related concepts, Foreign Exchange Rate
SEPT. : Government Budget **+Revision for II Term Examination**

PRE-BOARD EXAMINATION

HINDI

- OCT.** : **संस्कृत खण्ड**: महामना मालवीय: , पंचशीलसिद्धान्तः
गद्य खण्ड : हम और हमारा आदर्श, निंदा रस
NOV. : **काव्य खण्ड** : रामधारी सिंह दिनकर-पुरुषवा, उर्वशी, अमिनव मनुष्य, अज्ञेय-मैंने आहुति बन कर देखा, हिरोशिमा
DEC+JAN. : पुनरावृत्ति

ENGLISH

- OCT.** : **Discussion of Question Paper**
Flamingo: Indigo, Poets and Pancakes
Poem : A Thing of Beauty
Vistas : Memories of Childhood, Evans Tries an O-Level
Grammar: Revision of Syntax (Misc. Exercises), Letter writing Vocabulary
NOV. : **Flamingo**: The Interview, Going Places
Poem : An Elementary School classroom in a Slum, A Roadside Stand
Vistas : On The Face of It
Grammar: Revision of Synthesis and Vocabulary
DEC. : **Revision**

MATHEMATICS

- OCT.** : Ch. 10. Vector Algebra Ch. 11. Three Dimensional Geometry (contd...)
NOV. : Ch. 11. Three Dimensional Geometry
Ch. 13. Probability**+Revision**

- MAY** : **Theory** : Ch. 4. Principles of Inheritance and variations
Ch. 5. Molecular Basis of Inheritance
JUNE : Ch. 5. Molecular Basis of Inheritance (contd...)
JULY : **Revision of I Term Examination**

COMPUTER SCIENCE

- MARCH** : **1. Introduction to Object Oriented Programming***
1.1 Introduction -Importance and Component
APRIL : 1.2 Classes - Importance, types and use, Pillars of Java
1.3 Objects-Importance, types and use
MAY : 1.4 Inheritance-Importance, types and use
1.5 Difference between Structure and Object Oriented Programming
1.6 Basic programs in Java
JUNE : **Revision**
JULY : **Revision**

ACCOUNTANCY

- MARCH** : Fundamentals of Partnership (contd...)
APRIL : Fundamentals of Partnership, Change in Profit Sharing Ratio, Admission of a partner
MAY : Issue of Shares, Financial Statements of Companies
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, Financial Management (contd...)
MAY : Financial Management, Marketing Management (contd...)
JUNE : Marketing Management
JULY : **Revision**

ECONOMICS

- MARCH** : Economics and Economy
APRIL : Central Problems of an Economy, Consumer's Equilibrium- Utility Analysis, IC Analysis, Introduction of Macro Economics
MAY : Money, Banking, Theory of Demand
JUNE : Elasticity of Demand + Revision
JULY : **Revision**

II TERM EXAMINATION

HINDI

- JULY :** गद्य खण्ड : अशोक के फूल, भाषा और आधुनिकता
AUG. : काव्य खण्ड : जयशंकर प्रसाद— गीत, श्रद्धा मनु
 सुमित्रानन्दन पंत— नौका विहार, परिवर्तन, बापू के प्रति,
 महादेवी वर्मा— गीत—1, 2, 3
 कथा खण्ड : लाटी, बहादुर
SEPT. : संस्कृत खण्ड: संस्कृतभाषायाः महत्त्वम्, जातक कथा
 पुनरावृत्ति

ENGLISH

- JULY :** Discussion of Question Paper
Vistas : The Enemy
Grammar : Revision of Narration and Vocabulary, Transformation
Writing : Revision of Business Letters
AUG. : Flamingo : Deep water, The Rattrap
Poem : Aunt Jennifer's Tigers
Vistas : The Third Level
Grammar : Revision of Synthesis
SEPT. : Grammar : Syntax (Subject - Verb Agreement, Adjectives and Adverbs)
Writing : Revision of Letter Writing

MATHEMATICS

- JULY :** Ch. 7. Integrals (contd...)
AUG. : Ch. 7. Integrals, Ch. 8. Application of Integrals
 Ch. 9. Differential Equations
SEPT. : Revision

PHYSICS

- JULY :** Theory : Magnetism and matter
Practical: 4. To find focal length of a convex lens by displacement method
AUG. : Theory : Ray optics and optical instrument, Electromagnetic Induction
Practical: 5. 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.
 6. To find the focal length of convex lens by plotting $1/v$ versus $1/u$ graph.
 7. To determine the refractive index of water by using plane mirror and convex lens.
SEPT. : Revision of second term course

CHEMISTRY

- JULY :** Chemical Kinetics
Practical : Salt Analysis- II and III group
AUG. : Alcohols, Phenols and Ethers, Aldehyde, Ketone and Carboxylic Acid (to be contd..)
Practical : Titration KMnO_4 vs Mohr's salt, organic analysis, Phenol and Carboxylic acid
SEPT. : Aldehyde, Ketone and Carboxylic Acid
Practical : Salt Analysis : IV group
 Organic analysis -Amine

BIOLOGY

- JULY :** Ch. 6. Evolution
AUG. : Theory : Ch. 7. Human Health and Diseases
 Ch. 8. Microbes in Human Welfare
 Ch. 9. Biotechnology Principles and Process
Practical : 3. Study of plant population density by quadrat method
 4. Study of plant population frequency by quadrat method
 5. To prepare a temporary mount of onion root tip to study mitosis.
 6. To study T.S. of testis, ovary, Blastocyst with the help of permanent slides.
SEPT. : Theory : Ch. 9. Biotechnology Principles and processes (contd...)
Revision +II Term Examination

COMPUTER SCIENCE

- JULY :** 2. Introduction to Core Java Language
 2.1 Component of Java, History, Importance Applications, Types of Java Component like JDK, JRE and JVM
 2.2 Program based on Java: Data Types, Variables, Loops, how to write, compile and execute Java Programs.
 2.3 Program based on input/output, Importance of input and output classes, Introduction to packages, Types of Error in Java, Types of Comments in Java
AUG. : 2.4 Method in Java-Method Overloading, Method Overriding, Constructor, Types, use and related programs.
 2.5 Inheritance in Java, Types of Inheritance and Related Programs
 2.6 Encapsulation-Types of Inheritance and Related Programs
 2.7 Interface, Abstraction, Extraction
SEPT. : Revision for II Term Examination