

MORAL, YOGA, SPORTS AND PHYSICAL EDUCATION

JAN. : Road Traffic and Precautions
FEB. : Revision

Note : In Pre-Board paper will be prepared as per Board syllabus.

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

COURSE FOR CLASS XI (UP BOARD) : 2022-23



HALF YEARLY EXAMINATION

HINDI

- JUNE :** काव्य सौन्दर्य के तत्त्व : छन्द—दोहा, चौपाई, सोरठा, कुण्डलिया (लक्षण एवं उदाहरण)
रस — शृंगार, करुण, हास्य, वीर, शान्त (परिभाषा एवं उदाहरण)
अलंकार — शब्दालंकार — अनुप्रास, यमक, श्लेष
अर्थालंकार—उपमा, रूपक, उत्प्रेक्षा, भ्रान्तिमान, संदेह (परिभाषा एवं उदाहरण)
व्याकरण — लोकोक्ति एवं मुहावरे (अर्थ एवं वाक्य प्रयोग)
सन्धि — दीर्घ, गुण, यण्, अयादि
शब्दों में सूक्ष्म अंतर, अनेकार्थी शब्द, वाक्यांश के लिए एक शब्द।
शब्द रूप — आत्मन्, नामन्, राजन्, जगत्, सरित्
सर्वनाम — सर्व, इदम्, यद्। वाक्यों में त्रुटिमार्जन
- JULY :** पत्र — ऋण हेतु आवेदन पत्र। निबन्ध — सामयिक विषयों पर।
गद्य एवं काव्य साहित्य का इतिहास।
नाटक — आन का मान (सारांश, प्रमुख पात्रों के चरित्र चित्रण)
कथा खण्ड — बलिदान (उद्देश्य एवं सारांश)
गद्य खण्ड — भारतवर्षोन्नति कैसे हो सकती है?, महाकवि माघ का प्रभात वर्णन (लेखक का साहित्यिक परिचय एवं गद्यांश आधारित प्रश्नोत्तर)
संस्कृत खण्ड — वन्दना, प्रयाग: (पाठ—अनुवाद)
काव्य खण्ड — कबीरदास (कवि परिचय, काव्यांश आधारित प्रश्नोत्तर)
- AUG. :** गद्य खण्ड — आचरण की सम्यता
संस्कृत — सदाचारोपदेश:
काव्य खण्ड — सूरदास, बिहारी
कथा खण्ड — आकाशदीप
संस्कृत खण्ड — हिमालय:
- SEPT. :** पुनरावृत्ति।

ENGLISH

- JUNE :** Grammar : Tenses, Active & Passive Voice
JULY : Hornbill : The Portrait of a Lady, We're Not Afraid to Die
Poem : A Photograph
Snapshot : The Summer of the Beautiful White Horse
Language : Narration, Translation & Report Writing,
Vocabulary [Synonyms, Antonyms, Homophones, One Word Substitution, Idioms & Phrases/ Phrasal Verbs]

- AUG. :** **Hornbill : Poem :** The Voice of the Rain
Snapshot : Ranga's Marriage & The Address
Language : Synthesis of Compound Sentences, Syntax of Articles, Transformation of Removal of Adverb 'too'.
SEPT. : **Writing :** Letter Writing / Essay Writing & Article Writing, Note Making

MATHS

- JUNE :** **Ch. 1 :** Sets
JULY : **Ch. 2 :** Relations and Functions, **Ch. 5 :** Complex Numbers and Quadratic Equations, **Ch. 9 :** Sequence And Series, **Ch. 4 :** Principle of Mathematical Induction
AUG. : **Ch. 4 :** Principle of Mathematical Induction (continued), **Ch. 10 :** Straight Lines, **Ch. 15 :** Statistics, **Ch. 13 :** Limits
SEPT. : Revision

PHYSICS

- JUNE :** Mathematical Tools, Physical World
JULY : Units, Measurement and Error Analysis, Dimensional Analysis, Vectors, Motion in Straight Line, Motion in a Plane
Practical : Vernier Callipers
AUG. : Newton's Laws of Motion, Friction, Work, Power and Energy, Centre of Mass, Uniform Circular Motion, Motion of Rigid Bodies
Practical : Screw Gauge
SEPT. : **Practical :** Spherometer + Revision

CHEMISTRY

- JUNE :** Atomic Structure
JULY : General Basic Concepts of Chemistry, Classification of Elements & Periodicity
Practical : Salt analysis (zero & I)
AUG. : Redox Reactions, Environmental Chemistry, s Block Elements, Organic Chemistry (except Mechanism)
Practical : Salt Analysis (III) Group
SEPT. : Revision

BIOLOGY

- JUNE :** **Theory :** **Ch. 1** The Living World, **Ch. 2** Biological Classification
JULY : **Theory :** **Ch. 3** Plant Kingdom, **Ch. 4** Animal Kingdom
Practical : 1. Study of microscope, 2. Study of distribution of stomata on upper and lower surface of leaf, 3. Study of different modifications in root, stem and leaf, 4. Study of plant and animal tissues through permanent slides, 5. Study of microbes, plant specimen and animal specimen.

CHEMISTRY

- DEC. :** Benzene
JAN. : Thermodynamics, p-block Elements
Practical : Titration of Oxalic Acid
FEB. : Revision

BIOLOGY

- DEC. :** **Theory :** **Ch. 17** Breathing and Exchange of Gases, **Ch. 18** Body Fluids and Circulation
JAN. : **Theory :** **Ch. 19** Excretory Products and Their Elimination, **Ch. 20** Locomotion and Movement, **Ch. 21** Neural Control and Co-ordination
Ch. 22 Chemical Co-ordination and Integration
FEB. : **Practical 16 :** Study and description of three locally available families (*Solanaceae*, *Fabaceae* and *Liliaceae*). **17.** Study of human skeleton and different types of joints with the help of model and images. **18.** Observation and comment on experimental set-up for showing (a) anaerobic respiration, (b) phototropism, (c) effect of apical bud removal, (d) suction due to transpiration + project
19 : Separation of Plant Pigments through paper chromatography

COMPUTER

- DEC. :** Scientific and Commercial Applications of Computer
JAN. : Computer Virus, Looping Statements in Python
FEB. : Revision

ECONOMICS

- DEC. :** Environment and Sustainable Development
JAN. : Measures of Dispersion, Correlation, Comparative Development Experiences of India and Its Neighbours
FEB. : Index Number
Revision

BUSINESS STUDIES

- JAN. :** Internal Trade, International Trade
FEB. : Revision

ACCOUNTANCY

- DEC. :** Financial Statement
JAN. : Financial Statement with Adjustment, Bank Reconciliation Statement, Depreciation, Provision of Reserves, Accounting From Incomplete Records, Introduction to Computers
FEB. : Introduction to Accounting Information System, Computerised Accounting System + Revision

ACCOUNTANCY

- SEPT.** : Cash Book
OCT. : Books of Original Entry, Ledger, Trial Balance, Rectification of Errors
NOV. : Bill of Exchange, Capital and Revenue
DEC. : Revision

MORAL, YOGA, SPORTS AND PHYSICAL EDUCATION

- OCT.** : Importance of Yoga Education in Modern Age
NOV. : Child Right, Discipline and Time Management
DEC. : Revision

ANNUAL EXAMINATION

HINDI

- DEC.** : कथा खण्ड – समय
JAN. : संस्कृत खण्ड – लोभः पापस्य कारणम्, विश्ववंद्याः कवयः
गद्य खण्ड – गेहूँ बनाम गुलाब
व्याकरण – पत्र – नियुक्ति हेतु आवेदन पत्र। स्वच्छता हेतु क्षेत्राधिकारी को पत्र।
FEB. : पुनरावृत्ति।

ENGLISH

- DEC.** : **Snapshot** : The Tale of Melon City, The Ghat of the Only World
JAN. : **Hornbill** : The Adventure, Silk Road
Snapshot : Birth
Language : Syntax of Adjective, Transformation of Affirmative & Negative, Translation Practice
FEB. : Revision of Literature & Language

MATHS

- DEC.** : **Ch. 7** Permutations and Combinations
JAN. : **Ch. 8** Binomial Theorem, **Ch. 16** Probability
FEB. : **Ch. 14** Mathematical Reasoning + + Revision

PHYSICS

- DEC.** : Simple Harmonic Motion
JAN. : Oscillation & Waves, Wave Motion, Progressive & Standing Waves, Vibrations of Air Column and Stretched String Doppler Effect
FEB. : Revision

- AUG.** : **Theory** : **Ch. 5** Morphology of Flowering Plants, **Ch. 6** Anatomy of Flowering Plants, **Ch. 7** Structural Organisation in Animals
Practical : 6. Study of inflorescence, 7. Study of external morphology of cockroach, 8. Preparation of temporary slides of root, stem, 9. Study of mitosis through permanent slides

- SEPT.** : Revision

COMPUTER

- JUNE** : Computer Scenario
JULY : Data Representation, Introduction to C++ Programming,
AUG. : Internal Structure of Computer, Boolean Algebra and Logic Gates, Decision making Statements in C++
SEPT. : Revision
Microprocessor

ECONOMICS

- JUNE** : **Statistics** : Concept and Significance of Statistics in Economics
JULY : Indian Economy on the Eve of Independence, Five Year Plan in India, Collection of Data, Census and Sample Methods of Data
AUG. : Features, Problems and Agriculture Policies, Strategy of Industrial Growth, Indian Foreign Trade
SEPT. : Revision

BUSINESS STUDIES

- JUNE** : Nature and Purpose of Business
JULY : Forms of Business Organisations
AUG. : Private, Public and Globe Enterprises, Business Services
SEPT. : Revision

ACCOUNTANCY

- JUNE** : Meaning and Objective of Accounting
JULY : Basic Accounting Terms, Accounting Principles, Process and Basis of Accounting
AUG. : Accounting Standards, Accounting Equations, Double Entry System, Origin of Transactions, Journal, Accounting for Goods and Service Tax
SEPT. : Revision

MORAL, YOGA, SPORTS AND PHYSICAL EDUCATION

- JUNE** : Fundamental Elements of Morality
JULY : Family and Society, Ashta Chakra and Panch Kosha
AUG. : Teacher - Taught Relationship, Environment - Protection and Conservation
SEPT. : Revision

MCQ EXAMINATION

(till November Course will be included in MCQ Exam)

HINDI

- SEPT. : कथा खण्ड : प्रायश्चित्त
OCT. : काव्य खण्ड : तुलसीदास, भूषण
गद्य खण्ड – शिक्षा का उद्देश्य, अथातो घुमक्कड़ जिज्ञासा
NOV. : काव्य खण्ड – भारतेन्दु, रत्नाकर
गद्य खण्ड – सड़क सुरक्षा
DEC. : पुनरावृत्ति।

ENGLISH

- SEPT. : Language : Transformation of Active & Passive Voice
OCT. : Hornbill : The Ailing Planet, Discovering Tut
Poem : The Laburnum Top
Snapshot : Albert Einstein at School
Language : Transformation of Degrees of Comparison, Syntax of Noun
NOV. : Hornbill : The Browning Version
Poem : Childhood, Father to Son
Snapshot : Mother's Day
Language : Syntax of Pronoun, Translation Practice
DEC. : Revision of Vocabulary

MATHS

- SEPT. : Ch. 3 : Trigonometric Functions
OCT. : Ch. 3: Trigonometric Functions (continued), Ch. 13 : Derivatives
NOV. : Ch. 12 : Introduction to 3D Geometry, Ch. 6 : Linear Inequalities,
Ch. 11 : Conic Sections
DEC. : Revision

PHYSICS

- SEPT. : Practical : Simple Pendulum and Force Constant of Spring
OCT. : Gravitation, Mechanical Properties of Solids,
Mechanical Properties of Fluids
NOV. : Thermal Expansion, Heat Transfer, Thermodynamics,
Kinetic Theory of Gases
DEC. : Revision

CHEMISTRY

- SEPT. : Remaining Part of Organic Chemistry
OCT. : Remaining Part of Organic Chemistry (continued), States of Matter,
Chemical Bonding, Hydrogen

Practical : Salt analysis (V& VI group)

NOV. : Hydrogen (contd.), Hydrocarbons, Equilibrium

Practical : Salt Analysis (II & IV group)

DEC. : Revision

BIOLOGY

- OCT. : Theory : Ch. 9 Biomolecules, Ch. 10 Cell Cycle and Cell Division,
Ch. 11 Transport in Plants, Ch. 12 Mineral Nutrition
Practical : 10. Study of osmosis through osmoscope.
11. Study of plasmolysis. 12. Study of imbibition
NOV. : Theory : , Ch. 13 Photosynthesis in Higher Plants,
Ch. 14 Plant Growth and Development,
Ch. 15 Respiration in Plants, Ch. 16 Digestion and Absorption
Practical : 13. Comparative study of rate of transpiration in upper and
lower surface of leaf. 14. Test for presence of protein and fats with the
help of suitable material. 15. Study of presence of urea, sugar and protein
in urine.

DEC. : Revision for MCQ

COMPUTER SCIENCE

- SEPT. : Microprocessor
OCT. : Microprocessor (contd.), Looping Statements in C++,
Introduction to Python Programming
NOV. : Information Technology, Control Statements in Python
DEC. : Revision

ECONOMICS

- SEPT. : Organization of Data
OCT. : Presentation of Data - Textual and Tabular Presentation, Diagrams,
Frequency Diagrams, Arithmetic Line Graphs, Poverty
NOV. : Human Capital Formation, Measures of Central Tendency (Mean, Median,
Mode), Employment and Unemployment
DEC. : Revision

BUSINESS STUDIES

- SEPT. : Emerging Modes of Business
OCT. : Social Responsibility and Business Ethics,
NOV. : Sources of Business Finance, Small Business
DEC. : Revision