

Section B : National and international governing bodies and tournament

Practical : 1. Specialisation Test, 2. Efficiency Test

FEB. : **Revision**

MORAL SCIENCE

DEC. : Ch. 7. Empower women

JAN. : Ch. 8. my Body - A Gift

FEB. : **Revision**

FINE ART

DEC. : **Paper** : 1. Still Life (1 work)

Paper : 2. Nature study (1 work)

JAN. : **Paper** : 1. Still Life (2 works)

Paper : 2. Nature study (1 work)

Paper : 6. Craft Work chikankari (1 handkerchief) (1 work)

FEB. : **Revision, Portfolio**

Note : Paper : 1. Still Life

Paper : 2. Nature study

Paper : 6. Craft Work (chikankari work)

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



COURSE FOR CLASS XI (ISC) : 2024-25

HALF YEARLY EXAMINATION

HINDI

APRIL : **उपन्यास** : सारा आकाश-परिचय

व्याकरण : वाक्य शुद्धि

गद्य संकलन : पुत्र प्रेम

MAY : **सारा आकाश** : समस्या सम्बन्धी प्रश्न

व्याकरण : मुहावरे

काव्य मंजरी : एक फूल की चाह

JUNE : **व्याकरण** : अपठित गद्यांश

उपन्यास : 'समर' का चरित्र-चित्रण

JULY : **गद्य संकलन** : मजबूरी

काव्य मंजरी : बाल लीला (सूरदास)

व्याकरण : निबन्ध

AUG. : **गद्य संकलन** : गौरी

काव्य मंजरी : साखी

व्याकरण : वाक्य शुद्धि, मुहावरे

SEPT. : पुनरावृत्ति।

परियोजना कार्य : 'स्वतंत्रता प्राप्ति के आन्दोलन में गौरी का त्याग किसी देशभक्त से कम नहीं था - गौरी के चरित्र के आधार पर स्पष्ट कीजिए।

ENGLISH LANGUAGE

APRIL : Discussion of question paper pattern

Functional Grammar & Composition Writing (Narrative)

MAY : Article Writing, Comprehension & Composition Writing (Descriptive)

JUNE : Proposal Writing and Composition Writing (Argumentative)

JULY : Functional Grammar, Composition Writing (Expository) & Revision

AUG. : Speech Writing & Proposal Writing

SEPT. : Book Review, Revision and Problem Solving

ENGLISH LITERATURE

APRIL : Discussion of question paper pattern

Drama : Macbeth (Act I, Scene 1)

MAY : **Drama** : Macbeth (Act I, Scene 2)

JUNE : **Rhapsody (Poems)** : Abhisara-The Tryst

JULY : **Prism (Stories)** : A Living God

Drama : Macbeth (Revision Act I, Scene 1 & 2 Act I, Scene 3)

AUG. : **Rhapsody (Poems)** : Why I Like the Hospital

Prism (Stories) : Advice to Youth

Drama : Macbeth (Act I, Scene 4, 5, 6 & 7)

- SEPT. : Revision and Problem Solving**
MATHEMATICS
- APRIL :** Ch. 6. Quadratic Equations
 Ch. 7. Linear and Quadratic Inequalities (to be contd...)
- MAY :** Ch 7. Linear and Quadratic Inequalities, Ch. 3. Trigonometry (to be contd..)
- JUNE :** Ch. 3. Trigonometry +Revision
- JULY :** Ch. 1 Sets, Ch. 2. Relations & Functions Ch. 14. Statistics (to be contd..)
- AUG. :** Ch. 14. Statistics, Ch. 1. Statistics (Section-C)
 Ch. 2. Introduction to 3D Geometry (Section-B), Complex Number(to be contd..)
- SEPT. :** Ch. 5. Complex Numbers, Revision

PHYSICS

- APRIL : THEORY – UNIT -1. Physical World and Measurement,**
 * Mathematical tools
 (i) Units and measurements (Significant Figures)
 (ii) Dimensional Analysis
 (iii) Vector Analysis
- MAY : Theory - UNIT -2 Kinematics**
 (i) Motion in a straight line
Practical - (i) Vernier Caliper
- JUNE : Revision of Vector Analysis, Mathematical Tools & Motion in Straight Line**
- JULY : Theory - UNIT -2 Kinematics** (ii) Motion in a plane {Projectile Motion}
UNIT - 3 Laws of Motion (i) Newton's Laws of Motion (ii) Friction
 (iii) Uniform Circular Motion
UNIT - 4 Work, Power & Energy
Practical - (ii) Screw Gauge
- AUG. : Theory -UNIT - 4 Work, Power & Energy** {Continued}
UNIT - 5 Motion of system of Particles & Rigid body
 (i) Centre of Mass (ii) Rotational Motion of Rigid Body: Moment of Inertia
Practical – (iii) Calculation of value of g by simple pendulum.

- SEPT. : Revision and practical examination**
CHEMISTRY
- APRIL :** Redox Reaction
- MAY :** Classification of Elements and Periodicity in Properties including Electronic configuration. (s, p, d, f) upto Z = 30
- JUNE :** Revision of Redox Reaction & Classification of Elements and Periodicity in Properties
- JULY :** Some basic concept of chemistry, Structure of Atom
Practical : Salt Analysis - group 0 & 1
- AUG. :** Chemical bonding molecular structure
 Organic chemistry (Nomenclature and estimation only) (to be contd..)

COMPUTER SCIENCE

- DEC. :** Ch. 11. Basic input/output Data File Handling (Notes Provided)
- JAN. :** Ch. 15. Trends in Computing and Ethical Issues (notes Provided)
Project File

- FEB. :** Revision of Annual Exam Course Chapters 1 to 15

ACCOUNTS

- DEC. :** Depreciation (contid...)
- JAN. :** Depreciation, Accounts of Not for profit organisation (NPOs)
- FEB. :** Revision of Annual Exams Syllabus, Project 2

COMMERCE

- DEC. :** Nature & Scope of Foreign trade (contd...)
- JAN. :** Nature & Scope of Foreign trade, Export trade, Import trade, WTO, Business Risk & Insurance, Type of insurance

- FEB. : Revision**

ECONOMICS

- DEC. :** Dispersion
- JAN. :** Correlation, Index number
- FEB. :** Mathematical tools in economics **Revision**

HISTORY

- DEC. :** Ch. 10. Rise of Fascism under Mussolini in Italy 1919-1939
- JAN. :** Ch. 11. Rise of Nazism under Hitler in Germany 1933-1939
Project Work :

- FEB. :** Ch. 11. Rise of Militarism in Japan 1919-1937
Revision+Project work

GEOGRAPHY

- DEC. :** Ch. 24. Ocean Water Movements
Practical : Statistical Diagrams
- JAN. :** Ch. 25. The Biosphere Ch. 26. Biodiversity Ch. 27. Biodiversity for Sustenance of Mankind Ch. 28. India as a Mega Diversity Nation
 Ch. 30. Strategies for conservation of biodiversity

- FEB. : Revision**

PSYCHOLOGY

- DEC. :** Ch. 7. Thinking, Problem Solving, Creativity and Reasoning (to be contd..)
- JAN. :** Ch. 7. Thinking, Problem Solving, Creativity and Reasoning
- FEB. : Revision+Practical work**

PHYSICAL EDUCATION

- DEC. : Section A : Ch. 6. Games and Sports a Global perspective (contd..)**
Section B : National and international governing bodies and tournament (contd...)

- Practical : 1. Specialisation test, 2. Efficiency Test (Distance run)**
- JAN. : Section A : Ch. 6. Games and Sports a Global perspective**

MATHEMATICS

- DEC.** : Ch. 12. Circles, Ch. 13. Limits & Derivatives (to be contd...)
JAN. : Ch. 13. Limits & Derivatives, Ch. 15. Probability, Ch. 1. Conic sections (Section-B), Ch. 3. Mathematical Reasoning (Section-B), Ch. 2. Correlation analysis (Section-C), Ch. 3. Index numbers & Moving averages (Section-C)

FEB. : **Revision**

PHYSICS

- DEC.** : **Theory : Unit - 8 : Heat and thermodynamics**
(iii) Thermodynamics (iv) Isothermal & Adiabatic Process
Unit - 9 : Behavior of Perfect Gases and kinetic theory of Gases
JAN. : **Theory : Unit - 9 : Behavior of Perfect Gases and kinetic theory of Gases (contd...)**
Unit - 10 : Oscillations & Waves
(i) Simple harmonic motion
(ii) Free, Damped & Forced Oscillations
(iii) Waves (iv) Wave Motion (v) Superposition of Waves - 1
(vi) Superposition of Waves-2
Practical : (vi) Verification of Law of parallelogram by Gravesend's Apparatus

- FEB.** : **Theory : Unit - 10 : Oscillations & Waves**
(vii) Vibrations of Stretched Strings Revision & Practical Examinations
Revision of Annual Exam Syllabus

CHEMISTRY

- DEC.** : Equilibrium (to be contd...)
JAN. : Equilibrium, s Block, Thermodynamics (to be contd...)
Practical : Titration - Na_2CO_3 , Vs H_2SO_4 Salt Analysis - group VI
FEB. : Thermodynamics
p-Block, Environmental chemistry, **Revision**

BIOLOGY

- DEC.** : **Theory :** 18. Body fluids and circulation
JAN. : **Theory :** 19. Excretory Products and their elimination
20. Neural control and coordination, 21. Movement and Locomotion
Practical : Comment on experimental setup:
(a) Osmosis (b) transpiration (c) Photosynthesis (d) Transpiration pull

FEB. : **Theory :** 12. Chemical co-ordination, **Revision**

BIOTECHNOLOGY

- DEC.** : **Theory :** Animal and plant development (to be contd...)
JAN. : **Theory :** Animal and plant development
A : Immunology - Hummoral & Cell Mediated
B : Genetics (a) Laws of Inheritance
(b) Gene Mapping & Population genetics (to be contd...)
Practical: Preparation of karyotypes
FEB. : **Theory :** Population Genetics +Revision

Practical : Na_2CO_3 Vs HCl Titration

- SEPT.** : Organic chemicals (Nomenclature and estimation only)
Revision

BIOLOGY

APRIL : **Theory :** 1. Cell : The unit of life 2. Cell cycle and cell division
3. The living world

MAY : **Theory :** 4. Biological classification 5. Plant Kingdom
6. Animal kingdom (to be contd...)

Practical: Study of plant specimens.

JUNE : **Theory :** 6. Animals Kingdom

Practical: Study of Animals specimens

JULY : **Theory :** 7. Morphology of flowering plants
8. Anatomy of flowering plants

Practical: Study of Modifications of root, stem and leaf
Slide of onion peel

AUG. : **Theory :** 9. Structural Organizations in Animals
10. Biomolecules, (ii) Transport in plants
15. Plant Growth and development (to be contd..)

SEPT. : **Theory :** 15. Plant growth and development +Revision

BIOTECHNOLOGY

APRIL : **Theory :** 1. Introduction to Biotechnology : a) Historical Background (b) Scope and Importance of Biotech. (contd...)

Practical: 1. Study of Bioanalytical Instruments

MAY : **Theory :** 2. Scope and Importance (c)Basic concept of Biotech.
Practical: 1. Finding out of PH of water
2. Water containing acid and bases.

JUNE : **Theory :** Cell biology - Eukaryotic and prokaryotic cell, structure of Bacterial cell (to be contd..)

Practical : 1. Determination of Blood group
2. Preparation of Blood smear test (usingLeishman's stain)

JULY : **Theory :** Cell Biology, Cell components (structure & function)

AUG. : **Theory :** Cell Biology, Chromosomal structure and composition
Techniques in cytology (i) Microscopy : a) SEM b) TEM

SEPT. : **Theory :** Revision

COMPUTER SCIENCE

APRIL : Ch. 4. Introduction to Java Language (Notes Provided)
Ch. 5. Concept of Data Types (Notes Provided)

MAY : Ch. 6. Operators and Expressions (Notes Provided)

JUNE : Ch. 7. Conditional and Looping Statements (to be contd...)

JULY : Ch. 1. Numbers, Ch. 2. Encoding, Ch. 3. Propositional Logic, Hardware Implementation, Arithmetical Operations

AUG. : Revision of Ch. 4, 5, 6 and 7
Ch. 13. Implementation of Algorithm to Solve problems

- Ch. 8. Character Handling and String Manipulations
Ch. 10. Methods and Constructors
SEPT. : Revision of Half Yearly Course Ch. 1, 2, 3, 4, 5, 6, 7, 8, 10 & 13

ACCOUNTS

- APRIL** : Evolution of Accounting & Basic Accounting Terms.
Meaning, objectives, Scope and Nature of Accounting.
Accounting Equations
MAY : Books of Original Entry -Cash Book, Accounting Principles (GAAP)
Bases of Accounting
JUNE : Accounting Standards & IFRS, Double Entry System
JULY : Books of Original Entry-Journal, GST (Goods and Services Tax)
Books of Original Entry -Special Purpose Subsidiary Books.
AUG : Ledger, Trial Balance, Final Accounts, Capital & Revenue
SEPT : Revision of Half Yearly Syllabus + Project 01

COMMERCE

- APRIL** : Classification of Human activities-Economic and non-Economic activity,
Nature and objectives of Business, Classification of business activities.
MAY : Introduction of Business Organisation, Sole trader
JUNE : Partnership
JULY : Joint stock company, Types of companies, Formation of a company
AUG. : Public enterprises, Public Utilities & Public Private Partnership
SEPT. : Revision + Project 1

ECONOMICS

- APRIL** : Definition of Economics, Definition of Statistics
MAY : Classification & Presentation of Data, Concepts of Economics,
Basic problems of an Economy
JUNE : Types of Economies
JULY : Solution to the basic Problems, Economic Growth & Development,
Parameter of development, Sustainable Development
AUG. : Changes Post liberalisation, Structural changes in the Indian economy
Economic Planning & development
SEPT. : Revision+Project (1)

HISTORY

- APRIL** : Ch. 1. Emergence of the colonial economy Part i
MAY : Ch. 1. Emergence of the colonial economy Part ii, iii
JUNE : Ch. 1. Emergence of the colonial economy Part iv
JULY : Ch. 2. Social Movements, Ch. 3. Protest movements against colonial rule
AUG. : Ch. 7. World War I, Ch. 8. The Great Depression (contd...)
SEPT. : Ch. 8. The Great Depression +Revision +Project Work

GEOGRAPHY

- APRIL** : Ch. 1. Geography As a Discipline Ch. 2. Formation of the Earth
Ch. 3. Interior of the Earth Ch. 4. Rocks

- DEC.** : **Practical** : 1. Specialisation Test, 2. Efficiency Test (Sit ups)
Revision

MORAL SCIENCE

- OCT.** : Ch. 5. Differences complement
NOV. : Ch. 6. Human Rights
DEC. : **Revision**

FINE ART

- OCT.** : **Paper** : 1. Still Life (1 work)
Paper : 2. Nature study (1 work)
Paper : 6. Chikankari embroidery (2 handkerchief)
NOV. : **Paper** : 1. Still Life
Paper : 2. Nature study
Paper : 6. Craft Work chikankari (1 handkerchief)
DEC. : **Revision, Portfolio**
Note :Paper : 1. Still Life
Paper : 2. Nature study
Paper : 6. Craft Work (chikankari work)

ANNUAL EXAMINATION

HINDI

- DEC.** : **उपन्यास** : बाबूजी का चरित्र-चित्रण
गद्य संकलन : 'सती'
JAN. : **काव्य मंजरी** : आ: धरती कितना देती है।
गद्य संकलन : भक्तिन
FEB. : **व्याकरण** : वाक्य शुद्धि, मुहावरे
समस्त पाठ्यक्रम की पुनरावृत्ति।
परियोजना कार्य : 'स्वास्थ्य ही धन है।'

ENGLISH LANGUAGE

Discussion of Question Paper

- DEC.** : Discussion of MCQ Examination Paper, Functional Grammar
JAN. : Statement of Purpose, Functional Grammar & Composition Writing
FEB. : Comprehension+Revision and Problem Solving

ENGLISH LITERATURE

Discussion of MCQ Examination Paper

- DEC.** : **Rhapsody (Poems)** : Strange meeting
Drama : Macbeth (Revision of Act I)
JAN. : **Prism (Stories)**: The Great Automatic Grammatizator
Drama : Macbeth (Revision of Act II)
FEB. : Revision and Problem Solving

DEC : Revision of MCQ Syllabus Ch. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13 & 14

ACCOUNTS

OCT : Rectification of Errors, Bills of Exchange Contd...

NOV : Bills of Exchange, Provision & Reserves
Final Accounts with adjustments

DEC : Revision of MCQ Syllabus

COMMERCE

OCT. : Cooperative Organisation, E-Business and Outsourcing, Social responsibility of business and Business Ethics, Stock Exchange

NOV. : Wholesale trade, Retail trade, Procedure and documents used in home trade, Chamber of commerce

DEC. : **Revision, MCQ**

ECONOMICS

OCT. : Problem of poverty, Profile of agriculture, Human capital formation

NOV. : Problem of unemployment, Measures of central tendency
Revision +Project (2)

DEC. : **Revision**

HISTORY

OCT. : Ch. 4. Growth of Nationalism

Ch. 9. Rise of communism under stalin in Russia 1928-1939

NOV. : Ch. 5. Gandhian Nationalism 1916-1922

Ch. 6. Gandhian Nationalism 1927-1937

DEC. : **Revision**

GEOGRAPHY

OCT. : Ch. 17. Composition and structure of Atmosphere

Ch. 18. Insolation and Temperature,

Ch. 19. Atmospheric Pressure and Winds, Ch. 20. Atmospheric Moisture

NOV. : Ch. 20. Atmospheric Moisture (contd...), Ch. 32. Climate Change

Ch. 21. Submarine Relief, Ch. 22. Marine Life and Deposits

Ch. 23. Temperature, Salinity and Density of ocean water

DEC. : **Revision**

PSYCHOLOGY

OCT. : Ch. 5. Learning

NOV. : Ch. 6. Remembering and Forgetting

DEC. : **Revision**

PHYSICAL EDUCATION

OCT. : **Section A** : Ch. 4. Nutrition, Weight control and Exercise

Section B : Basic Skills and technique of the games.

Practical : 1. Specialisation test, 2. Efficiency Test (Shuttle run)

NOV. : **Section A** : Ch. 5. Physical fitness and wellness

Section B : Different type of signals

MAY : Ch. 4. Rocks (contd...)

Ch. 5. Endogenous Processes and Associated Landforms

Ch. 6. Drifting of continents and Plate Tectonics Ch. 7. Isotasy

Practical : Surveying

JUNE : Ch. 8. Volcanoes and Earthquakes

JULY : Ch. 9. Exogeneous Processes and Associated Landforms,
Ch. 10. Soils Ch. 11. Fluvial Process and Associated Landforms

Practical: Map Projection

AUG. : Ch. 12. Aeolian Processes and Associated Landforms

Ch. 13. Glacial Processes and Associated Landforms

Ch. 14. Work of Ground water and Associated Landforms

Ch. 15. Marine Processes and Associated Landforms

Project: World's Island (any one)

SEPT. : **Map Work+Revision**

PSYCHOLOGY

APRIL : Ch. 1. What is Psychology ?

MAY : Ch. 2. Methods of Psychology

JUNE+JULY: Ch. 3. Sensation, Attention and Perception

AUG. : Ch. 4. Motivation and Emotions **+Practical Work**

PHYSICAL EDUCATION

APRIL : **Section A** : Ch. 1. Concept of Physical Education

Section B : Ch. 1. Knowledge of the Games and Sports & Rules
and regulation of the game

Practical : 1. Specialisation test, 2. Efficiency test (50 m run)

MAY : **Section A** : Ch. 1. Concept of Physical Education and

Ch. 2. Individual aspects and group dynamics

Section B : Rules and regulations of the game and important terminology

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

JUNE : **Revision & Practical**

JULY : **Section A** : Ch. 3. Effect of Physical Exercise on Human body systems

Section B : Duties of the officials and Laws governing the game

Practical : 1. Specialisation test, 2. Efficiency test (push up)

AUG. : **Section A** : Ch. 1. Concept of Physical Education (Revision)

Ch. 2. Individual Aspects and group dynamics (Revision)

Practical : 1. Specialisation test, 2. Efficiency test (50 m run)

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

MORAL SCIENCE

APRIL+MAY: Ch. 1. Make a Difference

JUNE+JULY: Ch. 2. Be On Line

AUG. : Ch. 3. Taste and See

SEPT. : Ch. 4. Give Yourself to Others

MATHEMATICS

- JULY** : Ch. 3 : Shares and Dividends
Ch. 6 : Factorisation
Ch. 14 : Locus
- AUG.** : Ch. 11 : Section Formula
Ch. 12 : Equation of Straight Line
Ch. 13 : Similarity
Ch. 9 : Arithmetic Progressions and Geometric Progressions (A.P. and GP.)

SEPT. : **Revision**

PHYSICS

- JULY** : Ch. 4 : Refraction of Light at plane surfaces
- AUG.** : Ch. 5 : Refraction of Light through lenses
Ch. 6 : Spectrum
Ch. 7 : Sound (to be contd...)
- SEPT.** : Ch. 7 : Sound
Practical : 3. Focal Length of convex lens
4. Refraction through Prism, Revision

CHEMISTRY

- JULY** : Ch. 3 (A) : Acids, Bases and Salts
Ch. 3 (B) : Analytical Chemistry
- AUG.** : Ch. 5 : Electrolysis
Ch. 6 : Metallurgy
- SEPT.** : **Practical**: Identification of Cations : Ca^{2+} , Fe^{2+} , Fe^{3+} , Cu^{2+} , Zn^{2+} , Pb^{2+} ,



Revision

BIOLOGY

- JULY** : Ch. 7 : Chemical coordination in plants
Ch. 8 : The Circulatory System (to be contd.)
- AUG.** : Ch. 8 : The Circulatory System
Ch. 9 : The Excretory System
Ch. 10 : The Nervous System
Practical: 5. To study of structure of Human Blood Cells
6. To study structure of Heart
7. To study structure of Eye
8. To study Urinary System
9. To study structure of Ear
10. To study structure of Brain

SEPT. : **Revision**

HISTORY AND CIVICS

- JULY** : **History** : Ch. 5 : The Muslim League
Civics : Ch. 3 : Prime Minister and Council of Ministers
- AUG.** : **History** : Ch. 6 : Mahatma Gandhi and the National Movement,
Ch. 11: Rise of Dictatorships
Ch. 12: The Second world War (contd...)
- SEPT.** : Ch. 12 : The Second world War+ **Revision**

GEOGRAPHY

- JULY** : Ch. 7 : Water Resources
Ch. 8 : Mineral and Energy Resources-I (contd..)
- AUG.** : Ch. 8 : Mineral and Energy Resources-I
Ch. 9 : Mineral and Energy Resources-II
Ch. 10: Agriculture in India -I
Ch. 11: Agriculture in India -II
Ch. 12: Agriculture in India -III
- SEPT.** : **Revision and Map Work (India)**

ECONOMIC APPLICATIONS

- JULY** : Nature and Structure of Markets
- AUG.** : The State and Economic Development, Meaning and Functions of Money, **Revision**
- SEPT.** : **Revision+Project III and IV**

COMMERCIAL STUDIES

- JULY** : Ls. Capital & Revenue Expenditure
Ls. 7 : Final Accounts of Sole Proprietorship (to be contd...)
- AUG.** : Ls. 7 : Final Accounts of Sole Proprietorship
Ls. 8 : Fundamental Concept of Cost
Ls. 9 : Budgeting, Revision
- SEPT.** : **Revision +Project III**

MORAL SCIENCE

- JULY** : Smoking
- AUG** : Positive Attitude
- SEPT** : Motivation

PHYSICAL EDUCATION

- JULY** : **Section A** : Ch. 5 : Sports Training (to be contd.)
Section B : Basic Fundamental Skills and Techniques
Practical : 1. Efficiency test (Standing Broad Jump)
2. Specialization test
- AUG.** : **Section A** : Ch. 5 : Sports Training. Ch. 6 : Safety in Sports
Practical : 1. Efficiency test (Standing Broad Jump)
2. Specialization Test