

ACCOUNTANCY

- DEC. : Rectification of Errors
JAN. : Computers in Accounting, Revision
FEB. : Revision of the whole syllabus

BUSINESS STUDIES

- DEC. : International Trade
JAN. : International Trade (contd.) Project+Revision
FEB. : Revision

ECONOMICS

- DEC. : Correlation
JAN. : Forms of Market, Market Equilibrium under Perfect Competition
FEB. : Index Number, Revision

HISTORY

- DEC. : **Theme** : Ch. 10. Displacing Indigenous People
JAN. : **Theme** : Ch. 11. Paths of Modernization, Ch. 8. Confrontation of culture
FEB. : Revision **Map Work Unit I to II**
Project work : Topic : Making and Unmaking of Mesopotamia

GEOGRAPHY

- DEC. : **Book 1** : Ch. 11. Water in the Atmosphere
Ch. 12. World Climate and Climate Change
JAN. : **Book 2** : Ch. 7. Natural Hazards and Disasters
Book 1 : Ch. 13. Water (Oceans), Ch. 14. Movements of Ocean Water,
Ch. 15. Life on the Earth, Ch. 16. Biodiversity and Conservation
FEB. : **Practical, Revision and Map Work**

POLITICAL SCIENCE

- DEC. : **Book 1** : Ch. 6. Judiciary
Book 2 : Ch. 2. Liberty
JAN. : **Book 1** : Ch. 9. Constitution as a Living Document
Ch. 10. The Philosophy of the Constitution
Book 2 : Ch.3. Equality Ch. 4 Social Justice Ch. 9. peace
Project work : Topic : Election Process In India
FEB. : **Revision**

PHYSICAL EDUCATION

- DEC. : **Practical**
JAN. : **Unit:** 9. Psychology and Sports
FEB. : **Unit:** 10. Training and Doping in Sports

FINE ART

- DEC. : Indian Bronze Art+Ch. 6
Practical: Still Life - 1 work, Portfolio
JAN. : Temple Architecture and sculpture, Indo-Islamic Architecture
Practical: Still Life - 1 Work, Composition - 2 Work
FEB. : Indo- Islamic Architecture, Revision
Practical: Portfolio Making

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



COURSE FOR CLASS XI (CBSE) : 2022-23

HALF YEARLY EXAMINATION

HINDI

- JUNE : आरोह : गद्य खण्ड : नमक का दारोगा
काव्य खण्ड : पद (कबीर)
JULY : आरोह : गद्य खण्ड : मियाँ नसीरुद्दीन, गलता लोहा
काव्य खण्ड : पद (मीरा)
व्याकरण : अपठित गद्यांश, पद्यांश
AUG. : आरोह : काव्यखण्ड: वे आँखें
वितान : भारतीय गायिकाओं में बेजोड़—लता मंगेशकर
व्याकरण : शब्द—कोश, संदर्भ ग्रंथों की उपयोगी विधि और परिचय, कार्यालयी लेखन और प्रक्रिया
SEPT. : व्याकरण : पुनरावृत्ति, अनुच्छेद लेखन, पत्र
परियोजना कार्य : कृष्णभक्ति पर आधारित, चार्ट/फाइल, मौखिक परीक्षण

ENGLISH

- JUNE : Unseen passages factual, descriptive or literary/discursive or persuasive
JULY : **Hornbill** : The Portrait of A Lady, A Photograph
Snapshots : The Summer of The Beautiful White Horse
Grammar : Tenses, Determiners
AWS : Report writing, Article writing
AUG. : **Hornbill** : We're Not Afraid To Die . . . , The Laburnum Top
Snapshots : The Address **Grammar** : Re-ordering of Sentences
AWS : Notice writing, Poster Drafting Official letters, Speech writing
SEPT. : **ASL & Revision (Half Yearly Exam)**

MATHEMATICS

- JUNE : Ch. 1. Sets (**All Maths Activities**)
JULY : Ch. 2. Relative 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 (to be contd.)
Ch. 10. Straight Lines Ch. 15. Statistics Ch. 13. Limits
SEPT. : **Revision**

PHYSICS

- JUNE : **Theory** : Mathematical Tools, Physical World
JULY : **Theory** : Units and Measurement, Motion in Straight Line, Motion in a Plane
Practical: 1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker (calorimeter) using vernier callipers and hence find its volume.
AUG. : **Theory** : Laws of Motion, Work Power & Energy
Practical: 2. To measure diameter of a given wire and thickness of a given sheet using screwgauge. **OR**
To determine volume of an irregular lamina using screwgauge.

- Activity** : 1. To make a papers scale of given least count eg. 0.2 cm, 0.5 cm.
- Activity** : 2. Plot a graph for a given set of data with proper choice of scales and error bars
- SEPT** : **Theory** : Motion of System of Particles and Rigid body (upto centre of mass) (contd.) Revision for half yearly examination
- Practical:** 3. To find the weight of a given body using parallelogram law of vectors.
- Practical:** 4. Using a simple pendulum plot its L-T² graph and use it to find the effective length of seconds pendulum.
- Activity** : 3. To measure the force of limiting friction for rolling of a roller on a horizontal plane.

CHEMISTRY

- JUNE** : Some Basic Concepts of Chemistry
- Practical:** Basic Laboratory Techniques, O gp
- JULY** : Structure of atom, Classification of elements and periodicity in properties
Chemical bonding and molecular structure
- Practical:** Determination of M.P and B.P of Organic Compounds
- AUG.** : Chemical bonding and molecular structure (contd.) Redox reaction
Some basic principles and technique of (Organic Chemistry)
- Practical:** gp, I, Titration : Na₂CO₃ and HCl

SEPT. : **Revision**

BIOLOGY

- JUNE** : **Theory** : Ch. 1. The Living World
- JULY** : 2. Biological Classification, 3. Plant Kingdom, Ch. 4. Animal Kingdom
- Practical:** 1. Study of Microscope, 2. Study of distribution of stomata in upper and lower surface of leaf, 3. Study of modification of roots and stems, 4. Study of plants, Animals through specimen.
5. Study of microbes through slides specimen.
- 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 slides of roots and stem
9. Study of mitosis through permanent slides

SEPT. : Ch. 8. Cells as a unit of life +**Revision for Exam**

COMPUTER SCIENCE

- JUNE** : Computer system overview
- JULY** : Data Representation, Boolean Logic
- AUG.** : Introduction to problem solving, Getting Started with Python
Python Fundamentals, Data Handling, Flow of control
- SEPT.** : Flow of control (contd.), Revision

ACCOUNTANCY

- JUNE** : Meaning and Objectives of Accounting, Basic Accounting Terms
Accounting Principles
- JULY** : Process and Basis of Accounting, Accounting Standards, Double Entry System, Origin of Transactions and Source Documents, Accounting Equations, Journal

- AWS.** : Official letters ; e.g. to School/College, authorities
(Regarding admissions, School Issues, requirements/Suitability of courses)
- FEB.** : **Snapshots:** The Tale of melon City
- AWS** : Letter to Editor, Invitations.

MATHEMATICS

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

PHYSICS

- DEC.** : **Theory** : Thermal properties of matter (after exams)
- Practical:** 1. To find force constant of a helical spring by plotting a graph between load and extension.
- Activity** : 1. To observe change of state and plot a cooling curve for molten wax.
- JAN.** : **Theory** : Thermodynamics, Kinetic theory of gases
- Practical:** 2. To study the relationship between the temperature of a hot body and time by plotting a cooling curve., 3. To study the relationship between frequency and length of a given wire under constant tension using sonometer., 4. To find the speed of sound in air at room temperature using a resonance tube at two resonance position.
- Activity** : 2. To observe the decrease in pressure with increase in velocity of a fluid., 3. To study effect of detergent on surface of water by observing capillary rise.

FEB. : **Theory** : Oscillations and waves, Revision

CHEMISTRY

- DEC.** : P-Block Elements **Practical** : IV gp
- JAN.** : Thermodynamics, Environmental Chemistry
- Practical** : V and VI gp

BIOLOGY

- JAN.** : **Theory** : Ch. 17. Breathing and exchange of gases exchange
Ch. 18. Body Fluids and Circulation Ch. 19. Excretion and elimination of excretory Products Ch. 20. Movement and Locomotion
Ch. 21. Neural control and co-ordination
- Practical** : 16 : Discriptions of family fabaceae, Solanaceae and liliaceae,
17. Study of human skeleton, 18. Observation of experimental setup of Anaerobic respiration, phototropism etc.
- FEB.** : **Theory** : Ch. 22. Chemical control and co-ordination.
- Practical:** 19 : Separation of plant pigments through paper chromatography+Revision for Annual Exam.

COMPUTER SCIENCE

- DEC.** : Practical file programming
- JAN.** : Cyber Safety, Online Access and computer Security,
Society Law and ethics, Project work
- FEB.** : Project work (contd.), Revision

HISTORY

- SEPT. : **Theme** : Ch. 5 : Nomadic Empire
OCT. : **Theme** : Ch. 7. Changing Cultural Traditions
NOV. : **Theme** : Ch. 9. The Industrial Revolution

GEOGRAPHY

- SEPT. : **Book 1** : Ch. 6 : Geomorphic Processes
OCT. : **Book 1** : Ch. 7 : Landforms and their Evolution
Book 2 : Ch. 4 : Climate
NOV. : **Book 1** Ch. 8. Composition and Structure of Atmosphere
Ch. 9. Solar Radiation, Heat Balance and Temperature
Ch. 10. Atmospheric Circulation and Weather Systems
Book 2 : Ch. 5 : Natural Vegetation, Soils
DEC. : **Revision**

POLITICAL SCIENCE

- SEPT. : **Book 1** : Ch. 5. Legislature
OCT. : **Book 2** : Ch. 6. Citizenship, Ch. 7. Nationalism
NOV. : **Book 1** : Ch. 4. Executive
Book 2 : Ch. 8. Secularism
DEC. : **Revision**

PHYSICAL EDUCATION

- SEPT. : **Unit**: 4. Physical Education and sports CWSN (contd.)
OCT. : **Unit**: 4. Physical Education and sports CWSN
Unit: 5. Yoga
NOV. : **Unit**: 6. Physical Activity and leadership training, Revision

FINE ART

- SEPT. : Buddhist Art Ch. 4
Practical: Still Life -1 Work
OCT. : Buddhist Art (Ch. 4), Jain Art
Practical: Still Life -1 Work, Composition -1 work, Portfolio
NOV. : Hindu Art (Ch. 4), Later Mural Traditions
Practical: Still Life -1 Work, Composition -2 work
DEC. : Revision

ANNUAL EXAMINATION

HINDI

- DEC. : **आरोह** : गद्य खण्ड: विदाई संभाषण
व्याकरण: डायरी लेखन की कला
JAN. : **आरोह** : गद्य खण्ड: रजनी
काव्य खण्ड : आओ मिलकर बचाएँ, चम्पा काले-काले . . . , सबसे खतरनाक
व्याकरण: कथा-पटकथा, आलेख, अनुच्छेद लेखन, पत्र, रिपोर्ट
FEB. : पुनरावृत्ति, परियोजना कार्य

ENGLISH

- DEC. : **Hornbill** : The Browing Version, The Adventure
Snapshots: The Ghat of the only world
JAN. : **Hornbill** : Silk Road Childhood, Father to Son

- AUG. : Ledger, GST, Books of original entry-Cash Book, Books of original entry-special purpose subsidiary books, Bank Reconciliation statements, Depreciation

- SEPT. : Provision and Reserves, **Revision for Half Yearly Exams.**

BUSINESS STUDIES

- JUNE : Evolution and Fundamentals of Business
JULY : Evolution and Fundamentals of Business (contd.), Forms of Business Organisation, Public and Global Enterprises
AUG. : Business Services, Emerging modes of Business, Social Responsibility and Business Ethics
SEPT. : **Revision**

ECONOMICS

- JUNE : **Statistics**: Concept of Significance of Statistics in Economics
JULY : Economics and Economy, Central Problems of an Economy, Collection of Data, Organisation of Data, Consumer's Equilibrium (Utility and IC analysis)
AUG. : Demand and Elasticity of Demand, Presentation of Data (Tabular Diagram, Frequency, Diagram, Arithmetic Time series), Measures of Central Tendency (Mean)
SEPT. : **Revision**

HISTORY

- JUNE : **Theme** : 2. Writing and City Life
JULY : **Theme** : 3. An Empire Across Three Continents
AUG. : **Theme** : 4. The Central Islamic Lands, 6. The Three Orders
Theme : 1. From The Beginning of Time
SEPT. : **Revision+Map work**

GEOGRAPHY

- JUNE : **Book 1** : Ch. 1. Geography as a Discipline
JULY : **Book 1** : Ch. 2. The Origin and Evolution of the Earth
Book 2 : Ch. 1. India : Location
Book 1 : Ch. 3. Interior of the earth
Ch. 4. Distribution of Oceans and Continents
AUG. : **Book 2** : Ch. 2. Structure and Physiography, Ch. 3. Drainage system
Book 1 : Ch. 5. Minerals and Rocks, **Practical Work+Map work**
SEPT. : **Revision**

POLITICAL SCIENCE

- JUNE : **Book 1** : Ch. 1: Constitution : Why and How ?
JULY : **Book 1** : Ch. 3: Election and Representation
Book 2 : Ch. 1: Political Theory
AUG. : **Book 1** : Ch. 8: Local Government, Ch. 7: Federalism
Ch. 2: Rights In Indian Constitution
Book 2 : Ch. 5: Rights, Ch. 10: Development
SEPT. : **Revision**

PHYSICAL EDUCATION

- JUNE : **Unit**: 1. Changing Trends and Career in physical Education (contd.)
JULY : **Unit**: 1. Changing Trends and Career in physical Education
Unit: 2. Olympic Value Education
Unit: 3. Physical Fitness wellness & Life style

AUG. : **Unit:** 7. Test, Measurement and Evaluation

Unit: 8. Anatomy and Physiology

SEPT. : Revision and Practical

FINE ART

MARCH: **Theory** : Introduction, Rasa Theory and shadang

Practical: Still Life (1 work)

APRIL : **Theory** : Pre-Historic, Rock painting

Practical: Still Life, Composition (1 work), Portfolio

MAY : **Theory** : Pre-Historic, Rock painting

Practical: Still Life, Composition (1 work)

JUNE : **Theory** : Pre-Historic, Rock painting

Practical: Composition (1 work)

JULY : **Theory** : Art of the Indus Valley

Practical: Still Life (2 work), Composition (1 work)

AUG. : **Theory** : Art of the Indus Valley, Art of the Mauryan Period

Practical: Still Life (1 work), Composition (1 work), Portfolio

SEPT. : **Revision**

MCQ EXAMINATION

(Course till November month will be included in MCQ Examination)

HINDI

SEPT. : **आरोह** : गद्य खण्ड : स्पीति में बारिश

OCT. : **आरोह** : गद्य खण्ड : जामुन का पेड़

काव्यखण्ड: घर की याद

वित्तान : राजस्थान की रजत बूँदें

व्याकरण: जनसंचार माध्यम

NOV. : **आरोह** : गद्य खण्ड : भारत—माता

काव्यखण्ड: गज़ल, अक्क महादेवी—हे भूख . . . , हे मेरे . . .

वित्तान : आधो आँधारि

व्याकरण : पत्रकारिता के विविध आयाम, स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र

DEC. : पुनरावृत्ति

ENGLISH

SEPT : Unseen passages case based

OCT. : **Hornbill** : Discovering Tut. . . , Landscape of the Soul

Snapshots: Ranga's Marriage

AWS : Advertisement, Debate writing

NOV. : Note -Making and apstraction

Hornbill : The Ailing Planet. . . , The Voice of the Rain

Snapshots: Albert Einstein at school, Mother's Day

DEC. : Revision

MATHEMATICS

SEPT. : Ch. 4 : Trigonometric Functions

OCT. : Ch. 4 : Trigonometric Functions (contd.) Ch. 13. Derivatives

NOV. : Ch. 12 : Introduction to 3D Geometry Ch. 6. Linear Inequalities

Ch. 11. Conic sections

DEC. : **Revision**

PHYSICS

OCT. : **Theory** : Motion of system of particles, Gravitation

NOV. : **Theory** : Mechanical Properties of solids, Mechanical Properties of fluid

DEC. : **Revision of MCQ Examination**

CHEMISTRY

SEPT. : Hydrogen

Practical : NaOH and Oxalic Acid

OCT. : States of Matter, Equilibrium

Practical : gp - II

NOV. : 1. Hydrocarbons, 2. S-Block Elements **Practical** : gp-III

BIOLOGY

OCT. : **Theory** : Ch. 9 : Biomolecules Ch.10 : Cell cycle and cell division.
Ch. 11. Transport In Plants

Practical: 10. Study of osmosis through osmoscope

11. Study of Plasmolysis 12. Study of Imbibition

NOV. : **Theory** : Ch. 12. Mineral Nutrition Ch. 13. Photosynthesis

Ch. 14 : Respiration in Plants Ch. 15. Plant growth and Development

Practical: 13. Study of rate of transpiration

14. Test for presence of sugar, Protein and fat in given in food

15. Test of presence of sugar, proteins in urine

DEC. : **Theory** : Ch. 16 : Digestion and absorption of food, Revision+MCQ exam (Revision)

COMPUTER SCIENCE

SEPT. : String Manipulation

OCT. : String Manipulation, List Manipulation

NOV. : Tuples, Dictionaries Revision

DEC. : Revision

ACCOUNTANCY

SEPT. : Trial Balance and Errors

OCT. : Capital and Revenue, Bills of Exchange, Financial Statements

NOV. : Financial Statements (with adjustment) Accounts from Incomplete Records, Revision

BUSINESS STUDIES

SEPT. : Sources of Business Finance

OCT. : Sources of Business Finance (to be contd.), MSME and Business Enterprenureship

NOV. : MSME and Business Enterprenureship (contd.) , Internal Trade

DEC. : Revision

ECONOMICS

OCT. : Measures of Central Tendency (Median and Mode), Production Function, Cost

NOV. : Revenue, Dispersion, Theory of supply, Producers Equilibrium

DEC. : Revision