

COMMERCIAL STUDIES

- SEPT.** : Project III, Ls. 10 : Sources of Finance (contd.)
OCT. : Ls. 10 : Sources of Finance Ls. 11 : Recruitment, Selection and Training
Ls. 12 : Industrial Relations, Trade Unions and Social Security (contd.)
NOV. : Ls. 12 : Industrial Relations, Trade Unions and Social Security
Ch. 13 : Logistics and Insurance Ls. 14 : Banking Ls. 15 : Striving for a
Better Environment +Revision
DEC. : Revision+Project 3 +I Pre-Board Exams
JAN. : Revision II Pre-Board Exams
FEB. : Revision

MORAL SCIENCE

- SEPT+OCT** : Ch. 7 : Interpersonal Skills
NOV. : Ch. 8 : Self Esteem
DEC. : Revision

PHYSICAL EDUCATION

- SEPT.** : **Section A** : Ch. 7 : Health Education (to be contd.)
Section B : Terminology
OCT. : **Section A** : Ch. 7 : Health Education
Ch. 8 : Careers in Physical Education (to be contd.)
Section B : Terminology
Practical : 1. Efficiency Test (sit up & pushup) 2. Specialisation Test
NOV. : **Section A** : Ch. 8 : Career in Physical Education
Section B : National and International Governing bodies &Tournaments,
Practical : 1. Efficiency Test (distance run) 2. Specialisation Test
DEC. : Revision, II Pre-Board Exam.
JAN+FEB : Revision

COMPUTER APPLICATION

- SEPT.** : Ch. 4 : String Handing
OCT. : Ch. 4 : String Handing (to be contd.), Ch. 6 : Class as the basis of all
Computation (Objects and Classes)
NOV. : Ch. 5 : Use Defined Methods Ch.7 : Constructor,
Ch. 8 : Encapsulation and Inheritance
Revision (Syllabus : Ch.1 (unit I-IX), 2, 3, 4, 5, 6, 7 & 8)
DEC. : Practice from Model Test Papers
JAN+FEB : Practice from Model Test Papers

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



COURSE FOR CLASS X (ICSE) 2022-23

I-TERM EXAMINATION

HINDI

- MARCH**: व्याकरण : औपचारिक पत्र एवं अपठित गद्यांश
APRIL : साहित्य सागर (संक्षिप्त कहानियाँ) : भेड़ें और भेड़िए
साहित्य सागर (पद्य भाग) : गिरिधर की कुंडलियाँ
MAY : साहित्य सागर (संक्षिप्त कहानियाँ) : दो कलाकार
व्याकरण : विलोम, प्रस्ताव एवं अनौपचारिक पत्र
JUNE : व्याकरण : वाक्य-परिवर्तन एवं पर्यायवाची
JULY : पुनरावृत्ति
नोट:- प्रथम चरण की परीक्षा में कक्षा IX का समस्त पाठ्यक्रम सम्मिलित किया जायेगा।
परियोजना कार्य : साहित्य-आपकी दृष्टि में सच्चा कलाकार कौन है? 'दो कलाकार'
कहानी के आधार पर स्पष्ट कीजिए।
व्याकरण : 'परहित सरिस धरम नहि भाई' सूक्ति के आधार पर प्रस्ताव लेखन।

ENGLISH LANGUAGE

- MARCH**: 1 Notice and Email Writing
APRIL : Test Paper 2 & 3 (Total English), 1 Formal Letter, Preposition, Verb
Exercises, 1 Composition
MAY : 1 Informal Letter, Transformation, 1 Composition, Test Papers 4 and 5
(Total English)
JUNE : Revision

ENGLISH LITERATURE

- MARCH**: Prose : The Little Match Girl
APRIL : Poetry : I Know Why The Caged Bird Sings
Play : The Merchant of Venice (Act III Scene II to III)
MAY : Play : The Merchant of Venice (Act III Scene IV to V)
JUNE : Poetry : The Patriot +Revision
Project : Compare and Contrast the characters of Antonio and Shylock
Note : Class IX course will also be included in the exam.

MATHEMATICS

- MARCH**: Ch. 1 : GST (Goods & Services Tax)
APRIL : Ch. 2 : Banking, Ch. 3 : Shares and Dividend, Ch. 4 : Linear Inequations
Ch. 5 : Quadratic Equations in one variable, Ch. 6 : Factorisation
MAY : Ch. 8 : Matrices, Ch. 9 : Arithmetic and Geometric Progressions
JUNE : Ch. 14 : Locus +Revision+Project work
JULY : Revision

PHYSICS

- MARCH**: Ch. 1 : Force (contd.)
APRIL : Ch. 1 : Force Ch. 2 : Work, Energy and Power
MAY : Ch. 3 : Machines Ch. 4 : Refraction of light at plane surfaces (contd.)
JUNE : Ch. 4 : Refraction of light at plane surfaces Ch. 5 : Refraction through Lens
JULY : Revision Experiment : Principle of Lever, Glass slab

CHEMISTRY

- MARCH:** Ch. 1 : Periodic Properties and Variations of Properties-Physical and Chemical (to be contd.)
- APRIL :** Ch. 1 : Periodic Properties and Variations of Properties-Physical and Chemical Ch. 2 : Chemical Bonding, Ch. 4 Analytical Chemistry
- MAY :** Ch. 5 : Mole Concept and Stoichiometry
- JUNE :** **Practical:** Identification of cations : Ca^{2+} , Fe^{2+} , Fe^{3+} , Cu^{2+} , Zn^{2+} , Pb^{2+} , NH_4^{1+}
- JULY :** **Revision**
Note : Question from Practical Chemistry will be asked in Exams.

BIOLOGY

- MARCH:** Ch. 1 : Cell Ch. 2 : Cell Division, Structure of Chromosomes cell cycle
Practical: • Observation of Permanent Slides of Mitosis.
- APRIL :** Ch. 3 : Genetics Ch. 4 : Absorption by Roots
Practical: • To Demonstrate Phenomenon of Osmosis
- MAY :** Ch. 5 : Transpiration Ch. 6 : Photosynthesis (to be contd.)
Practical: • Experiment on Transpiration by (Ganong's Potometer)
• To demonstrate that O_2 is evolved during photosynthesis
- JUNE :** Ch. 6 : Photosynthesis+Revision
- JULY :** Revision

HISTORY & CIVICS

- MARCH: History :** Ch. 1 : The First War of Independence 1857 (to be contd.)
- APRIL : History :** Ch. 1 : The First War of Independence 1857
Ch. 2 : Growth of Nationalism Ch. 3 : First Phase of the Indian National Movement Ch. 4 : Second Phase of the Indian National Movement
- MAY : History :** Ch. 10: The First World War
Civics : Ch. 1 : The Union Parliament,
Ch. 2 : The President and the Vice President (to be contd.)
- JUNE : Civics :** Ch. 2 : The President and the Vice President
- JULY : Revision+Project Work**

GEOGRAPHY

- MARCH:** Ch. 4 : Climate of India (to be contd.)
- APRIL :** Ch. 4 : Climate of India Ch. 5 : Soil Resources in India
Ch. 6 : Natural Vegetation in India
- MAY :** Ch. 1 : Interpretation of Topographical Map -1
Ch. 2 : Interpretation of Topographical Map -2
Ch. 3 : Location, Extent and physical features of India (Through Maps only) (to be contd.)
- JUNE :** Ch. 3 : Location, Extent and physical feature of India (Through Maps only)
- JULY :** Revision

CHEMISTRY

- SEPT :** Ch. 7 : Metallurgy
- OCT :** Ch. 8. A : Hydrogen Chloride (HCl) Ch. 8. B : Ammonia (NH_3)
Practical: Action of Heat on Salts : CuCO_3 , ZnCO_3 , $\text{Zn}(\text{NO}_3)_2$, $\text{Cu}(\text{NO}_3)_2$, $\text{Pb}(\text{NO}_3)_2$
- NOV :** Ch. 9 : Organic Chemistry Ch. 8. C : Nitric Acid (HNO_3)
Ch. 8. D : Sulphuric Acid (H_2SO_4)
Practical : Identification of Anions : NO_3^{1-} , Cl^{1-} , CO_3^{2-} , SO_4^{2-} ,
 S^{2-} , SO_3^{2-} , Revision

DEC : Revision

JAN+FEB : Revision and discussion of Exam Papers will be done.

Note: Questions from the practical will be asked in all the examinations.

BIOLOGY

- SEPT. :** Ch. 12 : Endocrine system (to be contd.)
- OCT. :** Ch. 12 : Endocrine system Ch. 13 : Reproductive system
Practical : • Identification of Selected Endocrine Glands
- NOV. :** Ch. 14 : Human Evolution, Ch. 15 : Population, Ch. 16 : Pollution
- DEC. :** Revision
- JAN :** **Note:-** Questions from the Practical will be included in all the Examinations.

HISTORY & CIVICS

- SEPT. : Civics :** Ch. 3 : Prime Minister and Council of Ministers
- OCT. : History :** Ch. 8 : Forward Bloc and the INA, Ch. 9 : Independence and Partition of India, Ch. 13 : United Nations
Ch. 14 : Major Agencies of the United Nations
- NOV : History :** Ch. 15 : Non-Aligned Movement
Civics : Ch. 4 : The Supreme Court
Ch. 5 : The High Courts and Subordinate Courts.

DEC : Revision I-Pre Board Examination

JAN : Revision II-Pre Board Examination

GEOGRAPHY

- SEPT :** Ch. 13 : Manufacturing Industries in India -I : Agro Based
- OCT :** Ch. 14 : Manufacturing Industries in India -II : Mineral Based
Ch. 15 : Transport
- NOV. :** Ch. 16 : Waste Management - Impact of Waste Accumulation
Ch. 17 : Waste generation and Management -Methods of safe Disposal of waste
- DEC. : Revision +Map Work**

ECONOMIC APPLICATIONS

- OCT. :** Inflation, Commercial Bank (contd.)
- NOV. :** Commercial Bank, Central Bank
- DEC. : Revision, I Pre-Board Exam**
- JAN : Revision, II Pre-Board Exam**

COMPUTER APPLICATION

- JULY** : Ch. 2 : Library Classes
AUG : Ch. 3 : Arrays (Single and Double Dimensional)
SEPT. : **Revision (Ch. 1 (Unit I-IX), 2 and 3)**

PRE-BOARD EXAMINATION

HINDI

- SEPT.** : व्याकरण कार्य : अपठित गद्यांश
OCT. : साहित्य सागर (संक्षिप्त कहानियाँ) : संदेह
साहित्य सागर (पद्य भाग) : चलना हमारा काम है
व्याकरण कार्य : भाववाचक संज्ञा
NOV. : साहित्य सागर (पद्य भाग) : मातृ मंदिर की ओर
व्याकरण कार्य : प्रस्ताव, औपचारिक पत्र एवं अनौपचारिक पत्र, अपठित गद्यांश
DEC. : पुनरावृत्ति
नोट : प्री-बोर्ड की परीक्षा में कक्षा IX तथा X का समस्त पाठ्यक्रम सम्मिलित किया जायेगा।

ENGLISH LANGUAGE

(To be added in September)

Note:- Class IX Course + I Term & II Term Course of Class X will also be included.

- OCT.** : Prepositions, 1 Notice and E-mail Writing, Test Papers 10 to 12 (Total English)
NOV. : Grammar Exercises, Test Papers 13, 14 and 15 (Total English)
DEC. : **Revision**

ENGLISH LITERATURE

- OCT.** : **Poetry** : Nine Gold Medals
Prose : My Greatest Olympic Prize
NOV. : **Prose** : All Summer in a Day
Play : The Merchant of Venice Act V
DEC. : **Revision**

MATHEMATICS

- SEPT.** : Ch. 22 : Probability
OCT. : Ch. 15 : Circles Ch. 17 : Mensuration
NOV. : Ch. 18 : Trigonometric Identities Ch. 19 : Trigonometrical Tables
Ch. 20 : Heights and Distances
Ch. 21 : Statistics (Measures of Central Tendency)+Project work
DEC : **Revision**

PHYSICS

- SEPT.** : Ch.10 : Electromagnetism (to be contd.)
OCT. : Ch.10 : Electromagnetism Ch. 11 : Calorimetry (to be contd.)
NOV. : Ch. 11 : Calorimetry Ch. 12 : Radioactivity
DEC. : **Revision**
JAN.+FEB. : Discussion of previous years Council Papers

ECONOMIC APPLICATIONS

- MARCH:** Theory of Demand (to be contd.)
APRIL : Theory of Demand, Elasticity of Demand , Theory of Supply
MAY : Factors of Production (Land & Labour)
JUNE : **Revision+ Project Work : I, II**
JULY : **I Quarterly Examination**

COMMERCIAL STUDIES

- MARCH:** L. 1 : Stakeholders in Commercial Organisation (to be contd.)
APRIL : L. 1 : Stakeholders in Commercial Organisation Ls. 2 : Marketing and Sales Ls. 3 : Advertising and Sales Promotion
MAY : Ls. 4 : Consumer Protection Ls. 5 : E-commerce (to be contd.)
JUNE : 5 : E-commerce, Revision+Project I & II
JULY : Revision

MORAL SCIENCE

- APRIL** : Ch. 1: Goal Setting Ch. 2: Time Management
MAY : Ch. 3 : Etiquette
JUNE+JULY : Revision

PHYSICAL EDUCATION

- MARCH:** **Section A** : Ch. 1 : Human Growth And Development (to be contd.)
Section B : Knowledge of the game
Practical : 1. Efficiency test (50 mt run) 2. Specialisation test
APRIL : **Section A** : Ch. 1 : Human Growth And Development
Ch. 2 : Physical Education
Section B : Rule and Regulations of the game
Practical : 1. Efficiency test (shuttle run and 50 mt run)
2. Specialisation test
MAY : **Section A** : Ch. 3 : Body Types Ch. 4 : Physical Fitness (to be contd.)
Section B : Rule and Regulations of the game
Practical : 1. Efficiency test (Shuttle run) 2. Specialization test
JUNE : **Section A** : Ch. 4 : Physical Fitness
Section B : Rule and Regulations of the game, Revision
JULY : Revision

COMPUTER APPLICATION

- MARCH:** Ch. 1 : Revision of Class IX Syllabus Unit I (Introduction to Object Oriented programming concepts)
APRIL : **Unit II** : Elementary Concepts of Objects and Classes
Unit III : Values and Data Types
Unit IV : Operators in Java
Unit V(a) : Introduction to Java, **Unit V (b)** : Input in Java
Unit VI : Mathematical Library Methods
MAY : **Unit VII** : Conditional Statements in Java
Unit VIII : Iterative Construct in Java **Unit IX** : Nested Loops
JUNE : **Revision (Ch. 1: Unit I to IX)**
JULY : **Revision** (Syllabus : Ch. 1 (All Units))

II- TERM EXAMINATION

HINDI

JULY : साहित्य सागर (पद्य भाग) : स्वर्ग बना सकते हैं

व्याकरण : शुद्ध-अशुद्ध एवं विशेषण

AUG. : साहित्य सागर (संक्षिप्त कहानियाँ) : अपना-अपना भाग्य

व्याकरण : अनौपचारिक पत्र एवं भाववाचक संज्ञा, अपठित गद्यांश

SEPT. : पुनरावृत्ति, मुहावरे एवं शब्द-अर्थ

नोट:- द्वितीय चरण की परीक्षा में प्रथम तथा द्वितीय चरण का ही पाठ्यक्रम सम्मिलित किया जायेगा।

ENGLISH LANGUAGE

JULY : 1 Composition, Test Papers 6 and 7 (Total English)

AUG. : 1 Notice and E-mail Writing, Grammar Exercises, 1 Informal Letter, Test Papers 8 and 9

SEPT. : Revision

ENGLISH LITERATURE

JULY : **Prose** : The Blue Bead

AUG. : **Poetry** : Abou Ben Adhem

Play : The Merchant of Venice Act IV Scene I & II

SEPT. : Revision

Project : Discuss the poem, 'The Patriot' by Robert Browning as a dramatic monologue.

Note :- Revision of Whole Course of I Term & II Term (Class IX Course will also be included in the Exam)

MATHEMATICS

JULY : Ch. 13 : Similarity Ch. 16 : Constructions

AUG. : Ch. 7 : Ratio and Proportion Ch. 10 : Reflection Ch. 11 : Section Formula Ch. 12 : Equation of Straight Line

SEPT. : Revision, **Project Work**

PHYSICS

JULY : Ch. 7 : Sound, Ch. 6 : Spectrum

AUG. : Ch. 8 : Current Electricity Ch. 9 : Household circuits

SEPT. : Revision

Experiment : Prism, Focal Length of convex lens, Ohm's Law

CHEMISTRY

JULY : Ch. 3 : Acids, Bases and Salts Ch. 6 : Electrolysis (contd.)

AUG. : Ch. 6 : Electrolysis

Practical: Identification of Gases : H_2 , O_2 , H_2O , CO_2 , SO_2 , NO_2 , Cl_2 , HCl , H_2S , NH_3

SEPT. : Revision

Note: Questions from Practical Chemistry will be asked in the Examination.

BIOLOGY

JULY : Ch. 7 : Chemical coordination in plants

Ch. 8 : Circulatory System (to be contd.)

AUG. : Ch. 8 : Circulatory System, Ch. 9 : Excretory System

Ch. 10 : Nervous System Ch. 11 : Sense Organs +**Revision**

Practical: • To study of structure of Human Blood Cells

• To study structure of Heart

• To study Excretory System

• To study structure of Eye

• To study structure of Ear

SEPT. : Revision

HISTORY/ CIVICS

JULY : **History** : Ch. 5 : The Muslim League, Ch. 11: Rise of Dictatorships

Ch. 12 : The Second World War (contd.)

AUG. : **History** : Ch. 12 : The Second World War, Ch. 6 : Mahatma Gandhi and the National Movement, Ch. 7 : Quit India Movement

SEPT. : Revision

GEOGRAPHY

JULY : Ch. 7: Water resources

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

ECONOMIC APPLICATIONS

JULY : Factors of Production (Capital and Entrepreneur),

AUG. : Nature and Structure of Markets, The State and Economic Development, Meaning and Functions of Money, Revision

SEPT. : Revision+**Project III, IV**

COMMERCIAL STUDIES

JULY : Ls. 6 : Capital and 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

MORAL SCIENCE

JULY : Ch. 4 : Smoking

AUG+SEPT : Ch. 5 : Positive Attitude, Ch. 6 : Motivation

PHYSICAL EDUCATION

JULY : **Section A** : Ch. 5 : Sports Training (to be contd.)

Section B : 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

Section B : Fundamental Skills and Techniques

Practical: 1. Efficiency test (standing long jump) 2. Specialization Test

SEPT. : Revision