

SYLLABUS FOR THE SESSION 2021-2022

CLASS IX

ENGLISH LANGUAGE

- First Term** (i) Total English : UNIT - 1,2,3,4
(ii) Letter Writing - Formal and Informal
(iii) Notice Writing
(iv) E-mail Writing (v) Essay Writing (vi) Grammar
- Half Yearly** (i) Total English : UNIT - 5, 6, 7, 8, 9
(ii) Letter Writing - Formal and Informal
(iii) Notice Writing (iv) E-mail Writing
(v) Essay Writing (vi) Grammar
(vii) Comprehension passage
- Final Term** (i) Total English : UNIT - 10, 11, 12,13, 14, 15
(ii) Letter Writing - Formal and Informal
(iii) Notice Writing (iv) E-mail Writing
(v) Essay Writing (vi) Grammar
(vii) Comprehension passage

ENGLISH LITERATURE

- First Term** **Treasure Trove**
Poem : The Heart of the Tree
Story : Chief Seattle's Speech
The Merchant of Venice : Act I - Scene 1, 2, 3
- Half Yearly** **Treasure Trove** :
Poems: (i) The Cold Within (ii) The Bangle Sellers
Stories: (i) The Old Man at the Bridge
(ii) A Horse and Two Goats
The Merchant of Venice : Act II - Scene 1,2,3,4,5,6
(Entire Syllabus of the First Term)
- Final Term** **Treasure Trove** :
Poems: (i) After Blenheim (ii) Television (iii) Daffodils
Stories: (i) Hearts and Hands (ii) A face in the Dark
(iii) An Angel in Disguise
The Merchant of Venice : Act-I, II, III Scene-1
(Entire Syllabus of First Term and Half Yearly)

HINDI

First Term	पुस्तक : साहित्य सागर पाठ-बात अठन्नी की, पाठ-काकी, पाठ-साखी, पाठ-गिरिधर की कुंडलियाँ पुस्तक : सरस हिन्दी व्याकरण पत्र लेखन, निबन्ध लेखन, अपठित एवं वैयाकरणिक कार्य।
Half Yearly	पाठ-महायज्ञ का पुरस्कार, पाठ-नेताजी का चश्मा पाठ-स्वर्ग बना सकते हैं, पाठ-वह जन्मभूमि मेरी व्याकरण-पत्र लेखन, निबन्ध लेखन, अपठित एवं वैयाकरणिक कार्य। नोट : प्रथम सत्र का सम्पूर्ण पाठ्यक्रम।
Final Term	पाठ-अपना-अपना भाग्य, पाठ-बड़े घर की बेटा, पाठ-मेघ आए, पाठ-सूर के पद व्याकरण-पत्र लेखन, निबन्ध, अपठित एवं वैयाकरणिक कार्य। नोट : प्रथम सत्र व अर्द्धवार्षिक परीक्षा का सम्पूर्ण पाठ्यक्रम

MATHEMATICS

First Term	(i) Compound Interest (Without using Formula) (ii) Compound Interest (Using Formula) (iii) Expansions (iv) Factorisation (v) Triangles (vi) Isosceles Triangles (vii) Inequalities (viii) Pythagoras Theorem (ix) Statistics (x) Mean and Median (xi) Area and Perimeter of Plane Figures (xii) Co-ordinate Geometry
Half Yearly	(i) Rational and Irrational Numbers (ii) Simultaneous Equations (iii) Indices (iv) Logarithms (v) Rectilinear figures (vi) Trigonometric Ratios (vii) Trigonometrical Ratios of Standard Angles (viii) Solution of Right Triangles (ix) Complementary Angles (x) Graphical Solution Entire Syllabus of First Term
Final Term	(i) Mid-point Theorem & its Converse (ii) Construction of Polygons (iii) Area Theorems (iv) Circle (v) Solids (vi) Distance Formula Entire Syllabus of First Term & Half Yearly

HISTORY & CIVICS

First Term	History: (i) The Harappan Civilization (ii) The Vedic Period Civics : (i) Our Constitution (ii) Election
Half Yearly	History: (i) Jainism and Buddhism (ii) The Mauryan Empire (iii) The Sangam Age (iv) The Age of Guptas (v) Medieval India - (A) The Cholas Civics : (i) Salient features of the Constitution - I (ii) Salient features of the Constitution - II
Final Term	History: (i) Medieval India - (B) The Delhi Sultanate (ii) Medieval India - (C) The Mughal Empire (iii) Medieval India (D) Composite Culture (iv) The Modern Age in Europe - (A) Renaissance (v) (B) Reformation (vi) (C) Industrial Revolution Civics : (i) Local self government - Rural (ii) Local self government - Urban

GEOGRAPHY

First Term	(i) Earth as a Grid (ii) Latitudes and Longitudes (iii) Rotation and Revolution (iv) Rocks (v) Land forms (vi) Volcanoes (vii) Earthquakes (viii) Weathering and Denudation
Half Yearly	(i) Hydrosphere (ii) Atmosphere (iii) Insolation (iv) Atmospheric Pressure and Winds (v) Humidity Entire Syllabus of First Term, World Map Work
Final Term	(i) Pollution – Types and Sources (ii) Pollution – Effects (iii) Pollution - Preventive Measures (iv) Natural Regions of the World Entire Syllabus of First Team, Half Yearly and World Map Work

PHYSICS

First Term	(i) Measurements and Experimentation (ii) Motion in one Dimension (iii) Laws of Motion
Half Yearly	(i) Pressure in Fluids and Atmospheric Pressure (ii) Upthrust in Fluids, Archimedes' Principle and Floatation

(iii) Heat and Energy (iv) Reflection of Light

Entire Syllabus of First Term

Final Term (i) Propagation of Sound Waves (ii) Current Electricity
(iii) Magnetism
Entire Syllabus of First Term and Half Yearly

CHEMISTRY

First Term (i) The language of Chemistry
(ii) Chemical Changes and Reactions
(iii) Practical Work

Half Yearly (i) Study of Gas Laws
(ii) Atomic Structure and Chemical Bonding
(iii) Study of the first Element – Hydrogen
(iv) The Periodic Table

Entire Syllabus of First Term

Final Term (i) Water (ii) Atmospheric Pollution
Entire Syllabus of First Term and Half Yearly

BIOLOGY

First Term (i) Introducing Biology (ii) Cell - The Unit of Life
(iii) The Flower (iv) Health Organisation
(v) Seed- Structure and Germination
(vi) Economic Importance of Bacteria and Fungi

Half Yearly (i) Tissues - Plant and Animal Tissue
(ii) Pollination and Fertilization
(iii) Hygiene - A Key to Life (iv) Digestive System
(v) Waste generation and Management
(vi) Diseases: Cause and Control
(vii) Skeleton - Movement and Locomotion

Final Term (i) Respiration in Plants (ii) Nutrition
(iii) Skin – “The Jack of All Trades” (iv) Aids to Health
(v) The Respiratory System
Entire Syllabus of First Term and Half Yearly

ECONOMIC APPLICATIONS

First Term (i) Definition Economics (ii) Concept of Economics
(iii) Basic Problems of an Economy
(iv) Types of Economies
(v) An Overview of Indian Economy
(vi) Sectors in Indian Economy (Introduced)

Half Yearly (i) Sectors in Indian Economy

(ii) Consumer Awareness (iii) Globalisation
(iv) World Trade Organisation (WTO) and
Multinational Corporations (MNC's)

(v) Environment and Agriculture
(vi) Measures to Check Ecosystem

Entire Syllabus of First Term

Final Term

(i) Infrastructure of Indian Economy
(ii) Public and Private Sectors in Indian Economy
(iii) Impact of Industrial Practices on the Ecosystem
(iv) Industrial Waste and its Accumulation
(v) Eco friendly Techniques

Entire Syllabus of First Term and Half Yearly

COMPUTER APPLICATIONS

First Term

(i) Introduction to Object Oriented Programming
Concepts
(ii) Values and Data types (iii) Operators in Java
(iv) Input in Java

Half Yearly

(i) Elementary Concepts of Object and Classes
(ii) Mathematical Library Methods
(iii) Conditional Statements in Java
(iv) Iterative Constructs in Java

Entire Syllabus of First Term

Final Term

(i) Nested Loop (ii) Computing and Ethics
(iii) More on Basic Input/ Output

Entire Syllabus of First Term and Half Yearly

VALUE EDUCATION

First Term

(i) Religion: What is it? (ii) Some Leading Religions
(iii) Secularism (iv) Work is worship
(v) Serving God (vi) Sufferings and Handicaps
(vii) Love

Half Yearly

(i) Love for Motherland (ii) Don't be Superstitious
(iii) Socialism (iv) Learn to accept Defeats
(v) Forgiving and Forgetting
(vi) No Love without Sacrifice

Final Term

(i) Importance of Good Character (ii) Criticism
(iii) How to Become Great (iv) Life After Death
(v) Buildings, Houses and Homes
(vi) The Dignity of Labour

SYLLABUS FOR THE SESSION: 2021-22

CLASS -X

ENGLISH LANGUAGE

First Term	(i) Total English- Unit 1-8 (ii) Letter Writing – Formal and Informal (iii) Grammar (iv) Notice Writing (v) E-mail Writing (vi) Essay Writing (vii) Comprehension Passage
Pre Board-I	(i) Total English- Unit 9-15 (ii) Letter Writing – Formal and Informal (iii) Grammar (iv) Notice Writing (v) E-mail Writing (vi) Essay Writing (vii) Comprehension Passage
Pre Board-II	Entire Syllabus of Class IX and X prescribed by ICSE Board

ENGLISH LITERATURE

First Term	The Merchant of Venice (William Shakespeare) : (i) Act III- Scene: 2-5 (ii) Act IV- Lines: 1-172 Book : Treasure Trove Poem: (i) The Heart of the Tree (ii) I Know why the Caged Bird Sings (iii) The Patriot Story: (i) Chief Seattle’s Speech (ii) The Little Match Girl
Pre Board-I	The Merchant of Venice (William Shakespeare) : (i) Act IV- Lines: 173 onwards (ii) Act V Book : Treasure Trove Poem: (i) Abou Ben Adhem (ii) Nine Gold Medals Story: (i) The Blue Bead (ii) My Greatest Olympic Prize (iii) All Summer in a Day
Pre Board-II	Entire Syllabus of Class IX and X prescribed by ICSE Board

HINDI

First Term	पुस्तक : साहित्य सागर पाठ-संदेह, पाठ-बात अठन्नी की, पाठ-विनय के पद, पाठ-साखी पुस्तक : सरस हिन्दी व्याकरण पत्र लेखन, निबंध लेखन, अपठित एवं वैयाकरणिक कार्य।
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- Half Yearly** पुस्तक : साहित्य सागर
पाठ-सूर के पद, पाठ-भीड़ में खोया आदमी, पाठ-भेड़े और भेड़िए
पाठ-अपना-अपना भाग्य, पाठ-बड़े घर की बेटी, पाठ-भिक्षुक
पाठ-चलना हमारा काम है, पाठ-मेघ आए
पुस्तक : सरस हिन्दी व्याकरण
पत्रलेखन, निबन्ध लेखन, अपठित एवं वैयाकरणिक कार्य।
- Pre Board-I** पुस्तक : साहित्य सागर
पाठ-दो कलाकार, पाठ-मातृ मंदिर की ओर
पुस्तक : सरस हिन्दी व्याकरण
पत्रलेखन, निबन्ध लेखन, अपठित, व्याकरणिक कार्य।
नोट : प्रथम सत्र व अर्द्ध वार्षिक परीक्षा का समस्त पाठ्यक्रम।
कक्षा IX का समस्त पाठ्यक्रम।
- Pre Board-II** नोट : कक्षा IX एवं X का सम्पूर्ण पाठ्यक्रम, ICSE बोर्ड द्वारा निर्धारित।

MATHEMATICS

- First Term** (i) Banking (ii) Linear Inequations
(iii) Quadratic Equations
(iv) Problems based on Quadratic Equations
(v) Remainder and Factor Theorem
(vi) Ratio and Proportion
(vii) Matrices (viii) Arithmetic Progression
(ix) Reflection (x) Graphical Representation
(xi) Measures of Central Tendency (xii) Probability
(xiii) Trigonometric Identities
- Pre Board-I** (i) G.S.T (Goods and Services Tax)
(ii) Geometric Progression
(iii) Shares and Dividend
(iv) Section and Midpoint Formula
(v) Equation of a Line (vi) Similarity (vii) Loci
(viii) Circles (ix) Tangents and Intersecting Chords
(x) Construction (Circles)
(xi) Cylinder, Cone & Sphere
(xii) Heights and Distances
Entire Syllabus of First Term
- Pre Board-II** Entire Syllabus prescribed by ICSE Board.

HISTORY & CIVICS

- First Term** **History:** (i) The First War of Independence, 1857
(ii) Growth of Nationalism
(iii) First Phase of the Indian National Movement
(iv) Second Phase of the Indian National Movement
(v) The First World War
(vi) Rise of Dictatorship
(vii) The Second World War
Civics : (i) The Union Parliament
(ii) The President and the Vice President
- Pre Board-I** **History:** (i) The Muslim League
(ii) Mahatma Gandhi and the National Movement
(iii) Quit India Movement (iv) United Nations
(v) Major Agencies of the United Nations
(vi) Non Aligned Movement
(vii) Forward Bloc and The INA
(viii) Independence and Partition of India
Civics : (i) Prime Minister and Council of Ministers
(ii) The Supreme Court
(iii) The High Court and Subordinate Court
Entire Syllabus of First Term
- Pre Board-II** Entire Syllabus prescribed by ICSE Board.

GEOGRAPHY

- First Term** (i) Interpretation of Topographical Maps
(ii) Map of India
(iii) India - Climate (iv) India - Soil Resources
(v) India – Natural Vegetation
(vi) India - Water Resources
(vii) India – Mineral Resources
(viii) Non-Conventional Sources of Energy
- Pre Board-I** (i) Agriculture (ii) Manufacturing Industries
(iii) Transport (iv) Waste Management
Entire Syllabus of First Term
- Pre Board-II** Entire Syllabus prescribed by ICSE Board.

PHYSICS

- First Term** (i) Force (ii) Work, Energy and Power (iii) Machines
(iv) Refraction of Light at Plane Surfaces
- Pre Board-I** (i) Refraction through a Lens (ii) Spectrum
(iii) Current Electricity (iv) Household Circuits
(v) Sound (vi) Calorimetry
(vii) Entire Syllabus of First Term
- Pre Board-II** (i) Electro-Magnetism (ii) Radioactivity
Entire Syllabus prescribed by ICSE Board.

CHEMISTRY

- First Term** (i) Periodic Table, Periodic Properties and Variations of Properties
(ii) Chemical Bonding (iii) Analytical Chemistry
(iv) Mole Concept and Stoichiometry
- Pre Board-I** (i) Acids, Bases and Salts (ii) Electrolysis
(iii) Metallurgy
(iv) Study of Compounds A: Hydrogen Chloride
(v) Study of Compounds B: Ammonia
(vi) Study of Compounds C: Nitric Acid
(vii) Study of Compounds D: Sulphuric Acid
(viii) Organic Chemistry (ix) Practical Work
(x) Entire syllabus of First Term
- Pre Board-II** Entire Syllabus prescribed by ICSE Board

BIOLOGY

- First Term** (i) Cell Cycle and Cell Division
(ii) Absorption by Roots- The Processes Involved
(iii) Transpiration
(iv) Photosynthesis (v) The Circulatory System
- Pre Board-I** (i) Excretory System (ii) The Nervous System
(iii) The Endocrine System
(iv) The Reproductive System
(v) Genetics (vi) Chemical Co-ordination in Plants
(vii) Population (viii) Human Evolution (ix) Pollution
(x) Sense Organs
Entire Syllabus prescribed by ICSE Board
- Pre Board-II** Entire Syllabus prescribed by ICSE Board.

COMPUTER APPLICATIONS

- First Term** (i) Introduction to Object Oriented Programming Concepts
(ii) History and Development of Java
(iii) Concept of Data types
(iv) Operators and Expressions
(v) General Programming & Decision Making
(vi) Iteration through loops
(vii) Using Library Classes
(viii) String Manipulation in Java
- Pre Board-I** (i) Arrays (ii) Basic Input/Output
(iii) Functions/Methods
(iv) Class as a User Defined Type (v) Constructors
(vi) Encapsulation and Inheritance
Entire Syllabus of First Term
- Pre Board-II** Entire Syllabus prescribed by ICSE Board

ECONOMIC APPLICATIONS

- First Term** (i) Law of Demand and Determinants of Demand
(ii) Law of Supply and Determinants of Supply
(iii) Elasticity of Demand and Supply
(iv) Factors of Production: Land and Labour
(v) Factors of Production: Capital and Entrepreneur
(vi) Forms of Market Structure
- Pre Board-I** (i) Role of State in Economic Development
(ii) Public Sector Enterprises (iii) Money and Inflation
(iv) Banking: Commercial Bank and Central Bank
Entire Syllabus of First Term
- Pre Board-II** Entire Syllabus prescribed by ICSE Board

VALUE EDUCATION

- First Term** (i) Faith in God (ii) War and Peace (iii) Ahimsa
(iv) Fate (v) Personality (vi) Be a Leader
(vii) Time is Precious (viii) Choosing a Profession
(ix) Individual Differences (x) To be or Not to be Happy
- Pre Board-I** (i) Be Charitable (ii) Importance of Being Patriotic
(iii) National Integration (iv) The Human Race
(v) Don't be Afraid (vi) Learn to be Loyal
(vii) Fate and Freedom
(viii) React Well to Live Happily

SYLLABUS FOR THE SESSION, 2021-22

CLASS XI

ENGLISH LANGUAGE

First Term	Total English : (i) Unit-1,2,3 (ii) Directed Writing or Report Writing (iii) Proposal Writing (iv) Functional Grammar (v) Comprehension Passage (vi) Composition
Half Yearly	Total English : (i) Unit-4, 5, 6, 7, 8, 9 (ii) Composition (iii) Directed Writing or Report Writing (iv) Proposal Writing (v) Functional Grammar (vi) Comprehension Passage
Final Term	Total English : (i) Unit-10,11,12,13,14,15 (ii) Composition (iii) Directed Writing or Report Writing (iv) Proposal Writing (v) Functional Grammar (vi) Comprehension Passage

ENGLISH LITERATURE

First Term	The Tempest : Act I - Scene 1 & Scene 2 Echoes : Salvatore Reverie : The Dolphins
Half Yearly	The Tempest : Act II - Scene 1 & Scene 2 Echoes : (i) Fritz (ii) Quality Reverie : (i) The Gift of India (ii) John Brown Entire Syllabus of the First Term
Final Term	The Tempest : Act III - Scene 1, 2 & 3 Echoes : (i) The Chinese Statue (ii) A Gorilla in the Guest Room Reverie : (i) Desiderata (ii) The Spider and the Fly Entire Syllabus of First Term & Half Yearly

HINDI

First Term	काव्य-मंजरी : (1) साखी-कबीरदास, (2) बाल लीला-सूरदास गद्य संकलन : (1) पुत्र प्रेम-प्रेमचन्द, (2) गौरी-सुभद्रा कुमारी चौहान व्याकरण मंजूषा : महावरे, वाक्य शुद्धिकरण
Half Yearly	काव्य मंजरी : (1) एक फूल की चाह-सियाराम शरण गुप्त (2) आ धरती कितना देती है-सुमित्रा नन्दन पंत (3) साखी-कबीर दास (4) बाल लीला-सूरदास

गद्य संकलन : (1) शरणागत-वृन्दावन लाल वर्मा,
(2) सती-शिवानी, (3) पुत्र प्रेम-प्रेमचन्द,
(4) गौरी-सुभद्रा कुमारी चौहान

व्याकरण मंजूषा : निबन्ध, मुहावरे, वाक्य शुद्धिकरण।

Final Term

काव्य मंजरी : (1) नदी के द्वीप-अज्ञेय,
(2) तुलसीदास के पद-तुलसीदास
(3) एक फूल की चाह-सिया राम शरण गुप्त
(4) आ धरती कितना देती है-सुमित्रा नंदन पन्त
(5) साखी-कबीरदास, (6) बाल लीला-सूरदास

गद्य संकलन : (1) आउट साइडर-मालती जोशी,
(2) दासी-जयशंकर प्रसाद, (3) सती-शिवानी,
(4) शरणागत-वृन्दावन लाल वर्मा
(5) पुत्र प्रेम-प्रेमचन्द,
(6) गौरी-सुभद्रा कुमारी चौहान

व्याकरण मंजूषा : मुहावरे, वाक्य शुद्धिकरण, निबन्ध।

MATHEMATICS

First Term (i) Sets (ii) Principal of Mathematical Induction
(iii) Quadratic Equations (iv) Linear Inequations
(v) Relation & Functions (vi) Complex Numbers

Half Yearly (i) Trigonometry (ii) Permutation & Combination
(iii) Binomial Theorem (iv) Sequence & Series
(v) Straight Lines (vi) Circles (vii) Limits & Derivatives
(viii) Statics
Entire Syllabus of First Term

Final Term (i) Probability (ii) Section B- (a) Conic Section
(b) Introduction to 3D Geometry
(c) Mathematical Reasoning
(iii) Section C- (a) Statics (b) Correlation Analysis
(c) Index Number & Moving Averages
Entire Syllabus of First Term and Half Yearly

PHYSICS

First Term (i) Physical World and Measurement (ii) Kinematics
(iii) Laws of Motion

Half Yearly (i) Work, Energy and Power
(ii) Motion of System of Particles and Rigid Body
(iii) Gravitation

(iv) Properties of Bulk Matter
(Elasticity + Fluid Pressure)

Entire Syllabus of First Term

- Final Term** (i) Properties of Bulk Matter (contd.)
(ii) Heat and Thermodynamics
(iii) Behaviour of Perfect Gases & KTG
(iv) Oscillations and Waves
Entire Syllabus of First Term & Half Yearly
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CHEMISTRY

- First Term** (i) Some Basic Concepts of Chemistry
(ii) Structure of Atom
(iii) Classification of Elements and Periodicity in Properties

- Half Yearly** (i) Chemical Bonding and Molecular Structure
(ii) States of Matter: Gases and Liquids
(iii) Chemical Thermodynamics (iv) Equilibrium
(v) Redox Reactions (vi) Hydrogen
(vii) s-Block Elements
(Alkali and Alkaline Earth Metals)
(viii) Some p-Block elements
Entire syllabus of First Term

- Final Term** (i) Organic Chemistry- Some Basic Principles and Techniques
(ii) Hydrocarbons (iii) Environmental Chemistry
Entire Syllabus of First Term & Half Yearly
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BIOLOGY

- First Term** (i) Systematics and Five Kingdom of Life
(ii) Kingdom- Monera (iii) Kingdom- Protista
(iv) Kingdom- Fungi (v) Cell Theory
(vi) Mineral Nutrition

- Half Yearly** (i) Plant Kingdom (ii) Animal Kingdom (iii) Enzymes
(iv) Photosynthesis in Higher Plants (v) Inflorescence
(vi) Important Families
(vii) Cell Cycle and Cell Division
(viii) Body Fluids and Circulation
(ix) Excretory Products (x) Digestion
(xi) Breathing and Exchange of Gases
(xii) Morphology and Anatomy of Cockroach

(xiii) Cell Membrane

Entire syllabus of First Term

- Final Term** (i) Morphology of Root, Stem, Leaf
(ii) Respiration in Plants (iii) Biomolecules
(iv) Transport in Plants (v) Animal and Plant Tissues
(vi) Structural Organisation of Cell
(vii) Plant Growth and Development
(viii) Locomotion and Movement
(ix) Neural Control and Co-ordination
(x) Chemical Co-ordination
Entire Syllabus of First Term & Half Yearly

COMPUTER SCIENCE

- First Term** (i) Numbers (ii) Encodings
(iii) Propositional Logic Unit – I
(iv) Introduction to Java Language
- Half Yearly** (i) Propositional Logic and Hardware
(ii) Concept of Datatypes
(iii) Operators and Expressions
(iv) Conditional and Looping Statements
(v) Character Handling and String Manipulations
(vi) Arrays- Single Dimensional & DDA
(vii) Methods and Constructors- Unit-I
Entire syllabus of First Term
- Final Term** (i) Methods and Constructors- Unit-II
(ii) Recursion (iii) Packages
(iv) Basic Input/ Output Data File Handling
(v) Implementation of Algorithms
(vi) Trends in Computing and Ethical Issues
Entire Syllabus of First Term & Half Yearly

ACCOUNTS

- First Term** (i) Introduction to Accounting
(ii) Journal Ledger Trial Balance
Project I
- Half Yearly** (i) Bank Reconciliation Statement (ii) Depreciation
(iii) Bills of Exchange (iv) Accounting Concepts
(v) Final Accounts (With & Without Adjustment)
(v) Rectification of Errors

	Project II
	Entire syllabus of First Term
Final Term	(i) Accounts from Incomplete Records (ii) Not for Profit Organisation
	Entire Syllabus of First Term & Half Yearly

COMMERCE

First Term	(i) Nature and Purpose of Business (ii) Forms of Business Organisation
	Project I
Half Yearly	(i) Forms of Business Organisation (Contd...) (ii) Social Responsibility of Business & Business Ethics (iii) Emerging Modes of Business
	Project II
	Entire Syllabus of First Term
Final Term	(i) Stock Exchange (ii) Trade (iii) Foreign Trade (iv) Insurance
	Entire Syllabus of First Term & Half Yearly

ECONOMICS

First Term	(i) Definition of Economics (ii) Basic Concepts of Economics (iii) Basic Problems of an Economy (iv) Types of Economies (v) Solutions to Basic Economic Problems under different Economic System (vi) Economic Growth and Development (vii) Measures of Central Values (viii) Measures of Dispersion (Quartile deviation) (ix) Definition, Scope and Importance of Statistics (x) Collection, Organisation and Presentation of Data
Half Yearly	(i) Parameters (Indicators) of Development (ii) Sustainable Development (iii) Planning and Development in India (iv) Indian Economy Post Liberalisation (v) Structural Changes in Indian Economy after Liberalisation (vi) Unemployment in India – Problems and Policies (vii) Problem of Indian Agriculture (Introduced) (viii) Measures of Dispersion (Mean Deviation)

	(ix) Correlation
	Entire Syllabus of First Term
Final Term	(i) Profile of Indian Agriculture
	(ii) The Problem of Poverty in India
	(iii) Human Capital Formation
	(iv) Development Experience of India : Comparison with China
	(v) Index Number
	Entire Syllabus of First Term and Half Yearly

HISTORY

First Term	(i) Growth of Nationalism
	(ii) Emergence of Colonial Economy
	(iii) Economic, Social & Cultural Impact of British Rule
	(iv) Protest Movement Against Colonial Rule
Half Yearly	(i) Gandhian Nationalism (1916-1922)
	(ii) Gandhian Nationalism (1927-1934)
	(iii) World War I (iv) The Great Depression
	(v) Rise of Communism : Russia (1917 – 1939)
	(vi) Rise of Fascism : Italy (1919-39)
	Entire Syllabus of First Term
Final Term	(i) Rise of Fascism : Italy (1919-39) (contd.)
	(ii) Rise of Nazism : Germany (1933-39)
	(iii) Rise of Militarism : Japan (1919-37)
	Entire Syllabus of First Term & Half Yearly

GEOGRAPHY

First Term	(i) Formation of the Earth
	(ii) Interior of the Earth (iii) Rocks
	(iv) Endogenous Processes and Associated Landforms
	(v) Drifting of Continents and Plate Tectonics
	(vi) Isostasy (vii) Volcanoes and Earthquakes
	(viii) Exogenous Processes and Associated Landforms
	(ix) Soils
	(x) Fluvial Processes and Associated Landforms
	Practical & Map Work
Half Yearly	(i) Aeolian Processes and Associated Landforms
	(ii) Glacial Processes and Associated Landforms
	(iii) Work of Ground Water & Associated Landforms
	(iv) Marine Processes & Associated Landforms

(v) Coral Reefs
 (vi) Composition and Structure of the Earth
 (vii) Insolation and Temperature
 (viii) Atmospheric Pressure and Winds
 (ix) Atmospheric Moisture (x) Submarine Relief
 (xi) Marine Life and Deposits
 (xii) Temperature, Salinity and Density of Ocean Water
 (xiii) Ocean Water Movements
 Practical & Map Work
 Entire Syllabus of First Term

Final Term (i) The Biosphere (ii) Biodiversity
 (iii) Biodiversity for Sustenance of Mankind
 (iv) India as a Mega Diversity Nation
 (v) Loss of Biodiversity
 (vi) Strategies for Conservation of Biodiversity
 (vii) World Climatic Types (viii) Climate Change
 (ix) Natural Hazards : Their Causes and Management
 Practical & Map Work
 Entire Syllabus of First Term & Half Yearly

POLITICAL SCIENCE

First Term **Section A** : (i) Introduction to Political Science
 (ii) The Origin of the State (iii) Political Ideologies
Section B : End of the Cold War and its Impact on the
 World Order

Half Yearly **Section A** : (i) Sovereignty (ii) Law (iii) Liberty
Section B : Unipolar World
 Entire Syllabus of First Term

Final Term **Section A** : (i) Equality (ii) Justice
Section B : (i) Regional Cooperation
 (ii) The Non-Aligned Movement

PHYSICAL EDUCATION

First Term (i) Concept of Physical Education
 (ii) Physical Fitness and Wellness
 (iii) Game- Badminton

Half Yearly (i) Individual Aspects and Group Dynamics
 (ii) Nutrition, Weight Control and Exercise
 (iii) Games and Sports- A Global Perspective
 (iv) Game – (a) Badminton (b) Volleyball
 Entire Syllabus of First Term

- Final Term** (i) Effects of Physical Exercise on Human Body Systems
(ii) Game (Any two of student's choice) –
(a) Badminton (b) Volleyball (c) Basketball
Entire Syllabus of First Term & Half Yearly

VALUE EDUCATION

- First Term** (i) Developing a Purpose in Life
(ii) Career Planning
(iii) Building Self Esteem
(iv) Motivating Yourself
- Half Yearly** (i) Developing Talents
(ii) Fighting Fear
(iii) Character Counts
(iv) The God Power
(v) Planning Your Time
(vi) The Road to Freedom
- Final Term** (i) On Perception and Attitudes
(ii) The Power of Persistence
(iii) The Challenge of Change
(iv) The Act of Forgiveness
(v) Caring About Others
(vi) In Search of Happiness

SYLLABUS FOR THE SESSION 2021-2022

CLASS XII

ENGLISH LANGUAGE

- First Term** (i) Total English- Unit 1-8 (ii) Composition
(iii) Directed Writing or Report Writing
(iv) Proposal Writing (v) Functional Grammar
(vi) Comprehension Passage
- Pre Board-I** (i) Total English- Unit 9-15 (ii) Composition
(iii) Directed Writing or Report Writing
(iii) Proposal Writing (v) Functional Grammar
(vi) Comprehension Passage
- Pre Board-II** Entire Syllabus prescribed by ISC Board

ENGLISH LITERATURE

- First Term** **The Tempest** : (i) Act IV- Scene: 1
Echoes : (i) To Build a Fire (ii) The Story of an Hour
(iii) A Gorilla in the Guest Room
Reverie : (i) The Darkling Thrush (ii) Briches
(iii) Crossing the Bar
- Pre Board-I** **The Tempest** : (i) Act V- Scene: 1
Echoes : (i) The Singing Lesson
(ii) The Sound Machine (iii) B. Wordsworth
Reverie : (i) Desiderata (ii) Dover Beach
(iii) We are the Music Makers
- Pre Board-II** Entire Syllabus of Class XI & XII prescribed by
ISC Board

HINDI

- First Term** **काव्य मंजरी** : (1) जाग तुझको दूर जाना-महादेवी वर्मा
(2) उद्यमी नर-श्री रामधारी सिंह दिनकर
गद्य संकलन : (1) क्या निराश हुआ जाय-हज़ारी प्रसाद द्विवेदी
(2) भक्तितन-महादेवी वर्मा
सारा आकाश : अध्याय 1—10
व्याकरण मंजूषा : मुहावरे, वाक्य शुद्धिकरण
- Pre Board I** **काव्य मंजरी** : (1) बादल को घिरते देखा है-नागार्जुन
(2) अंधेरे का दीपक-हरिवंशराय बच्चन
(3) जाग तुझको दूर जाना-महादेवी वर्मा

(4) उद्यमी नर-श्री रामधारी सिंह दिनकर
(कक्षा ग्यारह में पढ़ी गई सभी कविताएँ)

गद्य संकलन : (1) संस्कृति क्या है-श्री रामधारी सिंह दिनकर
(2) मज़बूरी-मन्नू भंडारी
(3) क्या निराश हुआ जाय-हज़ारी प्रसाद द्विवेदी
(4) भक्तिन-महादेवी वर्मा
(कक्षा ग्यारह में पढ़ी गई सभी कहानियाँ)

सारा आकाश : सम्पूर्ण उपन्यास

व्याकरण मंजूषा : निबन्ध, मुहावरे, वाक्य शुद्धिकरण

Pre Board II काव्य मंजरी : सम्पूर्ण पाठ्यक्रम (कविता 1-10)

गद्य संकलन : सम्पूर्ण पाठ्यक्रम (कहानी 1-10)

सारा आकाश : सम्पूर्ण उपन्यास

व्याकरण मंजूषा : निबन्ध, मुहावरे, वाक्य शुद्धिकरण

MATHEMATICS

First Term (i) Matrices (ii) Determinants (iii) Relations
(iv) Functions (v) Binary operations
(vi) Inverse Trigonometric functions (ITF)
(vii) Continuity & Differentiability of functions
(viii) Indeterminant forms of Limit (IDF)
(ix) Mean Value Theorem
(x) Application of Derivatives (xi) Maxima & Minima
(xii) Differentiation (xiii) Indefinite Integral I

Pre Board I (i) Indefinite Integrals II (ii) Indefinite Integrals III
(iii) Definite Integral (DE) (iv) Probability
(v) Probability Distribution (vi) Bay Theorem

Section B (for Science)

(i) Vectors (full) (ii) 3D geometry (iii) Planes
(iv) Application of Integration (AOI)

Section C (for Commerce)

(i) Linear Programming (ii) Linear Regression
(iii) Application of Calculus in Commerce & Economics
Entire Syllabus of First Term

Pre Board II Entire Syllabus prescribed by ISC Board

PHYSICS

First Term (i) Electrostatics (ii) Current Electricity

Pre Board I (i) Magnetic Effects of Current and Magnetism
(ii) EMI And AC (iii) Electromagnetic Waves

- (iv) Optics (v) Dual Nature of Radiation and Matter
 - (vi) Atoms and Nuclei (vii) Electronic Devices
 - (viii) Communication Systems
- Entire Syllabus of First Term

Pre Board II Entire Syllabus prescribed by ISC Board

CHEMISTRY

First Term (i) Solid State (ii) Solutions (iii) Electrochemistry

Pre Board I (i) Chemical Kinetics (ii) Surface Chemistry
(iii) General Principles and Processes of Isolation
(iv) p block Elements
(v) d - block and f - block Elements
(vi) Co-ordination Compounds
(vii) Haloalkanes and Haloarenes
(viii) Alcohols, Phenols and Ethers
(ix) Aldehydes, Ketones. and Carboxylic Acids
(x) Organic compounds containing Nitrogen
(xi) Biomolecules (xii) Polymers
(xiii) Chemistry in Everyday Life

Entire Syllabus of First Term

Pre Board II Entire Syllabus prescribed by ISC Board

BIOLOGY

First Term (i) Reproduction in Organisms
(ii) Sexual Reproduction in flowering Plants
(iii) Human Reproduction
(iv) Reproductive Health
(v) Elements of Heredity and Variation
(vi) Genes and Chromosomes (vii) Mutations
(viii) Gene Expression and its Regulation

Pre Board I (i) Common Human Diseases (ii) Human Evolution
(iii) Population Interactions (iv) Biosafety
(v) Environmental Issues
(vi) Apiculture & Animal Husbandry
(vii) Origin of Life
(viii) Evidences of Biological Evolution
(ix) Theories of Mechanism of Evolution
(x) Adolescence - Drug and Alcohol
(xi) Microbes in Human Welfare
(xii) Ecosystem (xiii) Organisms and their Environment

- (xiv) Genetic Material, Genetic code
 - (xv) Biotechnology (xvi) Applications of Biotechnology
 - (xvii) Concepts of Immunology
 - (xviii) Improvement in Food Production
 - (xix) Population Growth
- Entire Syllabus of First Term

Pre Board II Entire Syllabus prescribed by ISC Board

COMPUTER SCIENCE

- First Term**
- (i) Boolean Algebra (ii) Objects and Classes
 - (iii) Computer Hardware
 - (iv) Primitive Values, Type Casting, Variables and Expressions
 - (v) Statements, Control Structure and Scope
 - (vi) Functions (vii) Recursion
 - (viii) Arrays, Matrices and Strings

Pre Board I

- (i) Concept of Inheritance (ii) Exception Handling
- (iii) Java Classes (iv) Simple Data Structure
- (v) Recursive Data Structure
- (vi) Computation Complexity

Entire Syllabus of First Term

Pre Board II Entire Syllabus prescribed by ISC Board

ACCOUNTS

- First Term**
- (i) Partnership Accounts
 - (ii) Projects

Pre Board I

- (i) Partnership Accounts (contd.)
- (ii) Joint Stock Company Accounts
- (iii) Financial Statement Analysis
- (iv) Cash Flow Statement
- (v) Ratio Analysis

Entire Syllabus of First Term

Pre Board II Entire Syllabus prescribed by ISC Board

COMMERCE

- First Term**
- (i) Business Environment (ii) Financing
 - (iii) Management (iv) Projects

Pre Board I

- (i) Management (contd.) (ii) Marketing

Entire Syllabus of First Term

Pre Board II Entire Syllabus prescribed by ISC Board

ECONOMICS

- First Term** Section I : Micro Economic Theory
- Pre Board I** (ii) Theory of Income and Employment
(ii) Money and Banking
(iii) Balance of Payments and Exchange Rate
(iv) Public Finance (v) National Income
Entire Syllabus of First Term
- Pre Board II** Entire Syllabus prescribed by ISC Board
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HISTORY

- First Term** (i) Towards Independence and Partition
(ii) Establishment & Development of Indian Democracy
(iii) Challenges to Indian Democracy
(iv) Changing Face of Indian Democracy
(v) India's Foreign Policy
- Pre Board-I** (i) Movement for Women's Rights
(ii) World War II (iii) De-Colonisation
(iv) Cold War – Origin, Course and Impact
(iv) Protest Movements - I (v) Protest Movements - II
(vi) Middle East: Israeli Palestine Conflict
- Pre Board-II** Entire Syllabus prescribed by ISC Board
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GEOGRAPHY

- First Term** (i) Locational Setting of India
(ii) Geological Evolution and Structure (iii) Relief
(iv) Drainage (vi) Climate (vi) Natural Vegetation
(vii) Population (viii) Migration Trends
(ix) Demographic Attributes (x) Rural Settlements
Practical & Map Work - India
- Pre Board I** (i) Urban Settlement
(ii) Environmental Management and Land Use Pattern
(iii) Water Resources and types of Irrigation
(iv) Agriculture (v) Fisheries
(vi) Minerals and Power Resources
(vii) Transport and Communication
(viii) Industries (ix) Tourism Industry
(x) Regional Economic Development (Case Studies)
Practical & Map Work - India
Entire Syllabus of First Term
- Pre Board II** Entire Syllabus prescribed by ISC Board

