

**SYLLABUS FOR CLASS–XII
SESSION 2019–20**

ENGLISH

APRIL

Flamingo	Chapter 1 The Last Lesson
	Chapter 6 Poets and Pancakes
	Poem My Mother at Sixty Six
Vistas	Chapter 2 The Tiger King
Writing Skill	Notice writing, Article writing, Letter to the Editor
Reading Skill	Unseen Comprehension

MAY

Flamingo	Poem 4 A Thing of Beauty
Vistas	Chapter 8 Memories of Childhood
Writing Skill	Advertisement (Classified & Display) Debate Writing
Reading Skill	Note Making

JUNE

Flamingo	Chapter 2 Lost Spring
	Poem 5 A Roadside Stand
Vistas	Chapter 6 On the Face of It
Writing Skill	Poster Drafting

JULY

Flamingo	Chapter 5 Indigo
	Chapter 7 The Interview
	Chapter 8 Going Places

Vistas	Chapter 5	Should Wizard Hit Mommy ?
Writing Skill	Speech writing, Letter of enquiry, Informal invitations & Reply,	
Reading Skill	Note Making	

AUGUST

Flamingo	Chapter 4	The Rattrap
Vistas	Chapter 3	Journey to the End of the Earth
	Chapter 4	The Enemy
The Invisible Man	Chapter	14, 15, 16, 17
Writing Skill	Report writing, Letter of placing order Formal invitation & Reply	
Reading Skill	Unseen comprehension	

SEPTEMBER

Flamingo	Chapter 3	Deep Water
	Poem 6	Aunt Jennifer's Tigers
Vistas	Chapter 1	The Third Level

OCTOBER

Flamingo	Poem 3	Keeping Quiet
Vistas	Chapter 7	Evan Tries an 'O' Level
Writing Skill	Job application	
Reading Skill	Note Making	

NOVEMBER

Flamingo	Poem 2	An Elementary School Classroom in a Slum
Writing Skill	Letter of complaint	

Periodic Assessment / Pre Mid Term

Syllabus covered till June

First Term Examination : Syllabus covered till August

Second Term Examination : Syllabus covered September onwards

Pre-Board Examination : Whole Syllabus

हिन्दी (ऐच्छिक)

पाठ्यपुस्तक : अंतरा भाग-2 अंतराल भाग-2
अभिव्यक्ति व माध्यम

अप्रैल

गद्य खंड प्रेमघन की छाया स्मृति
सुमिरनी के मनके
कच्चा चिट्ठा

पद्य खंड जयशंकर 'प्रसाद'
सूर्यकांत त्रिपाठी 'निराला'
अपठित गद्यांश, काव्यांश

मई

अंतराल सूरदास की झोंपड़ी (प्रेमचंद)
फीचर लेखन व आलेख लेखन

जून

गद्य खंड संवदिया
पद्य खंड केदारनाथ सिंह
पत्र लेखन, फीचर लेखन

जुलाई

गद्य खंड

गांधी, नेहरू और यास्सर अराफत

लघु कथाएँ : शेर, पहचान, चार हाथ, साझा,

पद्य खंड

विष्णु खरे

अंतराल

आरोहण

अगस्त

गद्य खंड

यथास्मै रोचते विश्वम्

पद्य खंड

रघुबीर सहाय

अंतराल

बिस्कोहर की माटी

सितम्बर

पठित पाठ्यक्रम की पुनरावृत्ति

अर्द्धवार्षिक परीक्षा

अक्तूबर

गद्य खंड

दूसरा देवदास, जहाँ कोई वापसी नहीं

पद्य खंड

तुलसीदास

मलिक मुहम्मद जायसी

विद्यापति

निबंध लेखन, आलेख लेखन, फीचर लेखन

नवम्बर

गद्य खंड

कुटज

पद्य खंड

घनानंद

अंतराल

अपना मालवा खाऊँ उजाड़ सभ्यता

अभिव्यक्ति व माध्यम

जनसंचार की विधाएँ

रचनात्मक लेखन, व्यावहारिक लेखन

दिसम्बर	पुनरावृत्ति व प्रथम बोर्ड परीक्षा
जनवरी	पूर्व बोर्ड परीक्षा (सम्पूर्ण पाठ्यक्रम)
	प्रथम इकाई परीक्षा पाठ्यक्रम
जुलाई	गद्य— पाठ 1, 2, 3
	पद्य— पाठ 1, 2
	अंतराल पाठ 1
	आलेख व फीचर लेखन
	अर्द्धवार्षिक परीक्षा पाठ्यक्रम
सितम्बर	गद्य— पाठ 1, 2, 3, 4, 5, 6, 7
	पद्य— पाठ 1, 2, 4, 5, 6
	अंतराल पाठ 1, 2, 3
	अभिव्यक्ति व माध्यम – जनसंचार माध्यम
	निबंध लेखन, पत्र लेखन, फीचर, आलेख, अपठित बोध
	प्रथम पूर्व बोर्ड परीक्षा पाठ्यक्रम
दिसम्बर	गद्य— पाठ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
	पद्य— पाठ 1, 2, 4, 5, 6, 7, 8, 9, 11
	अंतराल पाठ 4
	अपठित बोध, रचनात्मक लेखन, व्यावहारिक लेखन
	अभिव्यक्ति व माध्यम (जनसंचार के माध्यम)
जनवरी	पूर्व बोर्ड परीक्षा (सम्पूर्ण पाठ्यक्रम)

MATHEMATICS

APRIL

Ch-3 Matrices

Ch-4 Determinants

MAY

Ch-2 Inverse Trigonometric Functions

JUNE

Ch-5 Continuity and Differentiability

Activity–9 Limit and Continuity of the function

JULY

Ch-6 Application of Derivatives

Activity–15 Maximum and Minimum Value of the Function in the Graph

Activity–16 Maxima and Minima

AUGUST

Ch-7 Integrals

Ch-8 Application of Integrals

Activity–17 Area of Rectangle by using AOD

Activity–18 Square has maximum area

SEPTEMBER

Ch-9 Differential Equations

OCTOBER

Ch-10 Vector Algebra

Ch-11 Three Dimensional Geometry

Activity–21 Angle in semi-circle is a right angle by using vector algebra.

Activity–22 Distance between two points in the space.

NOVEMBER

Ch-12 Linear Programming

Ch-13 Probability

Activity–26 Shortest distance between two skew lines.

Activity–27 Conditional Probability

DECEMBER

Ch-1 Relations and Functions

Activity–1 Relations and Functions

Pre Mid-Term / First Periodic Test Chapters 2 to 4

First Term Chapters 2 to 9

Activities 9, 15 to 18

Second Term Chapters 5 to 12

Activities 21, 22 and 26

Pre Board Examination Entire Syllabus

PHYSICS

APRIL

Chapter-1 Electric Charges and Field

Chapter-2 Electrostatic Potential and Capacitance

MAY

Chapter-3 Current Electricity

JUNE

Chapter-4 Moving Charges and Magnetism

Chapter-5 Magnetism and Matter

JULY

Chapter-6 Electromagnetic Induction

Chapter-7 Alternating Current

AUGUST

Chapter-8 Electromagnetic Waves

Chapter-9 Ray Optics

Chapter-10 Wave Optics

SEPTEMBER

Chapter-10 Wave Optics (contd.)

OCTOBER

Chapter-11 Dual Nature of Radiation & Matter

Chapter-12 Atoms

Chapter-13 Nuclei

NOVEMBER

Chapter-14 Semiconductor Electronics

Ist Periodic Chapter 1 to Chapter 4

Mid Term Chapter 1 to Chapter 9

II Term Chapter 9 to Chapter 14

IIInd Preboard Whole syllabus

CHEMISTRY (043)

APRIL

- Chapter-9 Haloalkanes and Haloarenes
Chapter-10 Alcohols, Phenols and Ethers

MAY

- Chapter-11 Aldehydes, Ketones and Carboxylic Acids
Chapter-12 Organic Compounds Containing Nitrogen

JUNE

- Chapter-1 Solutions

JULY

- Chapter-2 Electrochemistry
Chapter-3 Chemical Kinetics

AUGUST

- Chapter-4 Surface Chemistry
Chapter-8 Coordination Compounds

SEPTEMBER

- Chapter-6 P-block Elements
Chapter-7 d and f-block elements

OCTOBER

- Chapter-7 d and f-block elements (contd.)
Chapter-14 Polymers
Chapter-15 Chemistry in Everyday Life

NOVEMBER

Chapter-13 Biomolecules

Chapter-5 General Principles and Processes of Isolation of Elements

Practicals

APRIL-JULY Preparation of starch sol.
Crystallisation
Chromatography
Effect of concentration on rate of reaction
Quantitative Analysis (2 Titrations)

AUG.-SEPT. Salt analysis (12-15 salts)
Analysis of food stuff

OCT.-NOV. Functional group analysis
Organic preparation
Salt analysis (contd.)

Ist Periodic Test Chapter 9, 10, 11, 12

I Term (September) Chapter 1, 2, 3, 4, 8, 9, 10, 11, 12

II Term (Last week of November)

Chapter 1, 2, 3, 4, 5, 6, 7, 8, 13, 14, 15

Preboard Exam (January) Entire syllabus

BIOLOGY (044)

APRIL

Chapter-1 Reproduction in Organisms

Chapter-2 Sexual Reproduction in flowering plants

Chapter-3 Human Reproduction

MAY

- Chapter-4 Reproductive Health
Chapter-5 Principle of Inheritance and Variation (Half)

JUNE

- Chapter-5 Principle of Inheritance and Variation
Chapter-6 Molecular basis of inheritance

JULY

- Chapter-6 Molecular basis of Inheritance
Chapter-8 Human Health and Diseases
Chapter-9 Strategies for Enhancement in Food Production

AUGUST

- Chapter-10 Microbes in Human Welfare
Chapter-7 Evolution

SEPTEMBER

- Chapter-11 Biotechnology : Principles and Processes
Chapter-12 Biotechnology and its Application (Half)

OCTOBER

- Chapter-12 Biotechnology and its Application
Chapter-13 Organisms and its Population

NOVEMBER

- Chapter-14 Ecosystem
Chapter-15 Biodiversity and Conservation
Chapter-16 Environmental Issues

DECEMBER Revision

Pre Mid Term (Periodic I)	Chapter 1, 2, 3 and 4
Mid Term	Chapter 1 to 10
II Term	Chapter 9 to 16
Preboard Exam	Entire Syllabus

PRACTICAL SCHEDULE

APRIL-JULY

1. Study of pollen germination on a slide.
2. Study the given water samples for :
(i) pH (ii) presence of living organisms
3. Collection of soil samples and study the following :
(i) pH and texture (ii) Moisture content (iii) water holding capacity

AUGUST-SEPTEMBER

4. Prepare a temporary mount of onion root tip.
5. Study the effect of temperature and pH on the activity of salivary amylase on starch.
6. Spottings slides.

OCTOBER-DECEMBER

7. Isolation of DNA from the available plant samples.
8. Study the population density and frequency by quadrat method.
9. Spottings
10. Pedigree analysis
11. Adaptations of plants and animals in xerophytic and hydrophytic conditions.

BUSINESS STUDIES (054)

APRIL

- Chapter-1 Nature and Significance of Management
Chapter-2 Principles of Management

MAY

- Chapter-3 Business Environment
Introduction to "Project"

JUNE–JULY

- Chapter-4 Planning
Chapter-5 Organising
Chapter-6 Staffing (Introduction)

AUGUST

- Chapter-6 Staffing
Chapter-7 Directing
Chapter-8 Controlling (Introduction)

SEPTEMBER

- Chapter-8 Controlling

OCTOBER

- Chapter-9 Financial Management
Chapter-10 Financial Market

NOVEMBER

- Chapter-11 Marketing Management
Chapter-12 Consumer Protection

I Periodic Test Chapter 1, 2, 3 & 4

First Term Part I

Second Term Part II

Pre Board Part I and II Complete Syllabus

ECONOMICS (030)

- Books :**
- 1. Macro Economics (NCERT)**
 - 2. Indian Economy (NCERT)**

APRIL

Indian Economy

Lesson 1 Indian Economy on the Eve of Independence

Lesson 2 Indian Economy (1950–1990)

Macro Economics

Unit 1 Introduction

Unit 2 Macro Economics (National Income Accounting)

MAY

Macro Economics

Continuation of National Income & Related Aggregates

Project Work

JUNE

Indian Economy

Lesson 3 Liberalisation, Globalisation and Privatisation

Lesson 4 Poverty

Macro Economics

Unit 3 Government Budget

Unit 4 Money and Banking

JULY

Revision

Indian Economy

Lesson 5 Human Capital Formation

Macro Economics

Unit 5 Balance of Payment

AUGUST

Macro Economics

Continuation of Unit 5

Indian Economy

Lesson 6 Rural Development

SEPTEMBER

Revision

OCTOBER

Macro Economics

Unit 6 Determination of Income and Employment

Indian Economy

Lesson 7 Employment Growth, Informalisation and other issues

NOVEMBER

Macro Economics

Unit 6 Continued

Indian Economy

Unit 8 Infrastructure

Unit 9 Environment and Sustainable Development

DECEMBER

Macro Economics Revision

Indian Economy

Unit 10 Comparative Development

Experiences of India and its neighbour

FIRST PERIODIC TEST

Macro Economics National Income and its Aggregates

Indian Economy Lesson 1 and 2

FIRST TERM

Macro Economics Entire Syllabus til August except Rural Development

SECOND TERM

Macro Economics Unit : Determination of Income & Employment

Indian Economy Lesson 6 : Rural Development

Lesson 7 : Employment

Lesson 8 : Infrastructure

PRE BOARD Entire Syllabus

ACCOUNTANCY (055)

APRIL AND MAY

Part-B Analysis of Financial Statement

- Chapter 1 Financial Statements of a company
 2 Financial Statement Analysis
 3 Tools for Financial Statement Analysis
 4 Ratio Analysis
 5 Cash Flow Statement
 Project work

JUNE AND JULY

Part-A Accounting for Not for Profit Organisation and Partnership Firms and Companies

- Chapter 1 Not for Profit Organisation
2 Fundamentals
3 Goodwill
Project Work

AUGUST

- Chapter 4 Change in Profit Sharing Ratio
5 Admission of a Partner
6 Retirement and Death of a Partner

SEPTEMBER

- Chapter 7 Dissolution of a Partnership Firm

OCTOBER

- Chapter 7 Dissolution of a Partnership Firm (contd.)
8 Accounting for Shares

NOVEMBER

- Chapter 9 Accounting for Debentures
10 Redemption of Debentures

DECEMBER

- Chapter 10 Redemption of Debentures (contd.)

First Periodic Test

Part-B Analysis of Financial Statement Chapter 1 to 5

First Term Examination

Part-A Accounting for NPO, Partnership Chapter 1 to 5

Part-B Analysis of Financial Statement Chapter 1 to 5

Second Term

**Part-A Accounting for NPO,
Partnership and Companies**

Chapter 1 to 8

Pre Board Whole Syllabus

PSYCHOLOGY

APRIL

Chapter-1	Variations in Psychological Attributes
Test-1	Intelligence Test RSPM : Raven's Standard Progressive Matrices

MAY

Chapter-2	Self and Personality
Test-2	Personality Test MPI : Maudsley Personality Inventory
Case Study	Introducing case study profile using appropriate methods like interview, observation, tests etc.

JUNE

Chapter-2	Self and Personality (contd.)
Case Study	Continued

JULY

Chapter-3	Meeting Life Challenges
Chapter-4	Psychological Disorders
Test-3	Self Report Inventory SCQ : Self Concept Questionnaire

AUGUST

Chapter-4	Psychological Disorders (contd.)
Chapter-5	Therapeutic Approaches
Test-4	Anxiety test SCAT : Sinha's Compressive Anxiety Test

SEPTEMBER

Chapter-5	Therapeutic Approaches (contd.)
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OCTOBER

Chapter-6	Attitude and Social Cognition
Chapter-7	Social Influence & Group Processes
Test-5	Attitude Test
	SAS : Sodhi's Attitude Scale

NOVEMBER

Chapter-7	Social Influence & Group Processes (contd.)
Chapter-8	Psychology and Life

DECEMBER

Chapter-9	Developing Psychological skills
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I Periodic Test	Chapter 1 and 2
First Term	Chapter 1, 2, 3, 4, 5
Second Term	Chapter 4, 5, 6, 7, 8, 9
Pre Board	Entire Syllabus

POLITICAL SCIENCE

APRIL

Book I : Contemporary World Politics

Chapter-1	The Cold War Era
Chapter-2	The End of Biopolarity
Chapter-3	US Hegemony in World Politics

MAY

Chapter-4	Alternative Centres of Power
Chapter-5	Contemporary South Asia

JUNE

Chapter-6	International Organisation
Chapter-7	Security in the Contemporary World

JULY

Chapter-8 Environment and Natural Resources

Chapter-9 Globalisation

AUGUST

Book II : Politics in India since Independence

Chapter-1 Challenges of Nation Building

Chapter-2 Era of One Party Dominance

Chapter-3 Politics of Planned Development

SEPTEMBER

Chapter-4 India's External Relations

Mid Term I Book : Chapter 1 to 9

OCTOBER

Chapter-5 Challenges to and Restoration of the Congress System

Chapter-6 The Crisis of Democratic Order

NOVEMBER

Chapter-7 Rise of Popular Movements

Chapter-8 Regional Aspirations

DECEMBER

Chapter-9 Recent Developments in Indian Politics

First Periodic Test Chapters 1, 2, 3, 4, 5

I Term Examination Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9 (I Book)

II Term Examination Chapters 1, 2, 3, 4, 5, 6, 7 (II Book)

Chapters 1, 2 (I Book)

Pre-Board Complete Syllabus

HISTORY (027)

APRIL

Themes in Indian History–I

Chapter-1

Bricks, Beads and Bones

Chapter-2

Kings, Farmers and Towns

MAY

Chapter-3

Kinship, Caste and Class

Chapter-4

Thinkers, Beliefs and Buildings

JUNE

Themes in Indian History–II

Chapter-5

Through the Eyes of Travellers

Chapter-6

Bhakti – Sufi Traditions

Project Work

JULY

Chapter-7

An Imperial Capital, Vijayanagara

Chapter-8

Peasants, Zamindars and the State

Chapter-9

Kings and Chronicles

AUGUST

Themes in Indian History–III

Chapter-10

Colonialism and the Countryside : Exploring
Official Archives

Chapter-11

Rebels and the Raj

SEPTEMBER

Chapter-12

Colonial Cities

OCTOBER

Chapter-13

Mahatma Gandhi and the Nationalist Movement

Chapter-14

Understanding Partition

NOVEMBER

Chapter-15 Framing the Constitution

First Periodic Test

Chapter-1 Bricks, Beads and Bones

Chapter-2 Kings, Farmers and Towns

Chapter-3 Kinship, Caste and Class

Chapter-4 Thinkers, Beliefs and Buildings

Chapter-5 Through the Eyes of Travellers

Chapter-6 Bhakti – Sufi Traditions

Mid Term Assessment Chapters 1 to 11

Chapter-1 Bricks, Beads and Bones

Chapter-2 Kings, Farmers and Towns

Chapter-3 Kinship, Caste and Class

Chapter-4 Thinkers, Beliefs and Buildings

Chapter-5 Through the Eyes of Travellers

Chapter-6 Bhakti – Sufi Traditions

Chapter-7 An Imperial Capital, Vijayanagara

Chapter-8 Peasants, Zamindars and the State

Chapter-9 Kings and Chronicles

Chapter-10 Colonialism and the Countryside : Exploring Official Archives

Chapter-11 Rebels and the Raj

Second Term Exam – Chapter 8 to Chapter 15

Pre Board Examination Complete Syllabus

GENERAL STUDIES

APRIL & MAY	Logical Reasoning Mathematical Series Books and Authors Science in Everyday Life
JUNE & JULY	Inventions and Discoveries Honours and Awards General Mental Ability Human Rights
AUGUST	Places in News Indian Historical, Natural, Literary and Geographical Facts Sports News (Updates)
SEPTEMBER	Current Affairs Latest Who is Who Important Dates India's Freedom Struggle
OCTOBER	News Maker of the Year To paste 10 News Clippings related to Environment Health, Economic Affairs
First Periodic	Syllabus covered till July
Mid Term	Entire syllabus covered till August
First Pre Board	Entire syllabus covered till October

S.U.P.W.

1. Project on Contemporary Problems of Indian Society.
2. Project on Constitutional Values.
3. Distribution of eatables / clothes in slums / old age home / orphanage.
4. Book keeping

INFORMATICS PRACTICES

APRIL

- | | |
|-----------|--|
| Chapter-3 | Java GUI Programming Revision Tour-I |
| Chapter-4 | Java GUI Programming Revision Tour-II |
| Chapter-5 | Java GUI Programming Revision Tour-III |

MAY

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|-----------|----------------------------------|
| Chapter-6 | More About Classes and Libraries |
| Chapter7 | Concept of Inheritance |

JUNE

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|-----------|--------------------------------|
| Chapter-1 | Computer Networking |
| Chapter-2 | Open Source Concepts |
| Chapter-8 | Database Connectivity to MySQL |

JULY

- | | |
|------------|------------------------------|
| Chapter-9 | Web Application Development |
| Chapter-10 | HTML-I : Basic HTML Elements |

AUGUST

- | | |
|------------|-----------------------------------|
| Chapter-11 | HTML-II : Lists, Tables and Forms |
| Chapter-12 | XML : Extensible Markup Language |

SEPTEMBER

Chapter-13 MySQL RevisionTour

OCTOBER

Chapter-14 Database Transactions

Chapter-15 Grouping Records and Table Joins

Chapter-16 Tables and Integrity Constraints

NOVEMBER

Chapter-17 IT Applications

DECEMBER

Revision of Java Application Development

I Periodic Chapters 1 to 8

Term I Chapters 1 to 11

Term II Chapters 9 to 17

Pre Board Examination Complete Syllabus

COMPUTER SCIENCE

APRIL

Chapter-2 OOPs Concepts

Chapter-3 Function Overloading

Chapter-4 Classes and Object

MAY

Chapter-5 Constructors and Destructors

Chapter-7 Data File Handling

JUNE

Chapter-6 Inheritance

Chapter-8 Pointers

JULY

Chapter-1	C++ Revision Tour
Chapter-9	Arrays

AUGUST

Chapter-10	Stacks and Queues
Chapter-11	DB Concept
Chapter-12	Structured Query Language

SEPTEMBER

Chapter-12	Structured Query Language
Chapter-13	Boolean Algebra

OCTOBER

Chapter-13	Boolean Algebra (contd.)
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NOVEMBER

Chapter-14	Communication and Networking
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I Periodic	Chapters 1 to 7
Term I	Chapters 1 to 10
Term II	Chapters 7 to 14
Pre Board Examination	Complete Syllabus

PHYSICAL EDUCATION

APRIL AND MAY	– Planning in Sports
	– Children and Women in Sports
MAY AND JUNE	– Test & Measurement in Sports
	– Yoga and Lifestyle

AUGUST	– Sports and Nutrition
	– Physical Education and Sports for CWSN
SEPTEMBER	– Physiology and Injuries in sports
OCTOBER	– Biomechanics and Sports
	– Psychology and Sports
NOV. & DEC.	– Training in Sports
First Term	Unit 1, 3
Second Term	Unit 5, 6, 7, 9
Pre Board	Complete Syllabus Theory + Practical

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