

ADARSH PUBLIC SCHOOL

C-Block, Vikas Puri

SYLLABUS CLASS-XII

SESSION : 2023-24

ENGLISH CORE (301)

APRIL

FLAMINGO	Chapter 1	The Last Lesson
	Poem 1	My Mother At Sixty Six
VISTAS	Chapter 1	The Third Level
WRITING SKILL	Notice Writing, Article Writing Letter To The Editor	
READING SKILL	Unseen Comprehension	

MAY

FLAMINGO	Poem 6	Aunt Jennifer's Tigers
WRITING SKILL	Invitation- Formal	
READING SKILL	Unseen Comprehension	

JULY

FLAMINGO	Chapter 2	Lost Spring
	Poem 3	Keeping Quiet
VISTAS	Chapter 6	On The Face Of It
WRITING SKILL	Job Application	
READING SKILL	Unseen Comprehension	

AUGUST

FLAMINGO	Chapter 5	Indigo
	Chapter 4	The Rattrap
	Poem 4	A Thing Of Beauty
VISTAS	Chapter 4	The Enemy

WRITING SKILL Report Writing,
Formal Invitations & Replies

READING SKILL Unseen Comprehension

SEPTEMBER

FLAMINGO Chapter 8 Going Places

Chapter 7 The Interview

VISTAS Chapter 8 Memories of Childhood

WRITING SKILL Article Writing

REVISION FOR MID TERM EXAMINATION

OCTOBER

FLAMINGO Chapter 3 Deep Water

Chapter 6 Poets and Pancakes

Poem 5 A Roadside Stand

VISTAS Chapter 3 Journey To The End
Of The Earth

WRITING SKILL Article Writing,

Informal Invitations & Replies

READING SKILL Unseen Comprehension

NOVEMBER

VISTAS

Chapter 2 The Tiger King

Pre-Mid Examination Syllabus covered till June

Mid Term Examination Syllabus covered till August

Pre Board Examination Whole Syllabus

PHYSICS (042)

APRIL

Chapter1	Electric Charges and Fields
Chapter2	Electrostatic Potential and Capacitance
Practical	
Experiment 1	Ohm's Law
Experiment 2	Meter Bridge

MAY

Chapter3	Current Electricity
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JUNE

Chapter4	Moving Charges and Magnetism
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JULY

Chapter5	Magnetism and Matter
Chapter6	Electromagnetic Induction
Practical	
Experiment 3	Half Deflection
Experiment 4	Sonometer

AUGUST

Chapter7	Alternating Currents
Chapter8	Electromagnetic Waves
Chapter11	Dual Nature of Radiation and Matter

Practical

Experiment 5	Prism
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SEPTEMBER

Chapter 9	Ray Optics and Optical Instruments
	Revision

OCTOBER

Chapter 9	Ray Optics and Optical Instruments(contd.)
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Chapter 10	Wave Optics
Chapter 12	Atoms
Practical	
Experiment 6	Travelling Microscope
Experiment 7	Convex Lens, Concave Lens

NOVEMBER

Chapter 13	Nuclei
Chapter 14	Semiconductor Electronics: Materials, Devices and Simple Circuits
Practical	
Experiment 8	p-n junction

PRE MID TERM EXAM Chapter: 1-3

MID TERM EXAM Chapter : 1-8

PRE BOARD EXAM I Whole Syllabus

PRE BOARD EXAM II Whole Syllabus

MATHEMATICS (041)

APRIL

Chapter 3	Matrices
Chapter 4	Determinants

MAY

Chapter 2	Inverse Trigonometric Functions
Chapter 5	Continuity and Differentiability

JUNE-JULY

Chapter 6	Application of Derivatives
Chapter 1	Relation and Functions

AUGUST

Chapter 12	Linear Programming
Chapter 7	Integrals

SEPTEMBER

Chapter 8 Application of Integrals

OCTOBER

Chapter 9 Differential Equations

Chapter 10 Vectors

NOVEMBER

Chapter 11 Three Dimensional Geometry

Chapter 13 Probability

PRE MID TERM Chapter 3 and 4

MID TERM Chapter 1, 2, 3, 4, 5, 6, 12

PRE BOARD EXAM I Entire Syllabus

PRE BOARD EXAM II Entire Syllabus

Activities

JUNE Limit and continuity of the function

JULY Maximum and Minimum value of the function through graph.
Maximum volume of an Open box made by a given rectangular sheet.
Find the time when the area of a rectangle of given dimensions become maximum.

AUGUST Area of Rectangle using AOD Square has maximum area.
Demonstration of a function which is not one –one but onto.

SEPTEMBER

Verification of addition and cross product of vectors Geometrically.

Distance between two points in the Space.

NOVEMBER

Shortest Distance between two skew lines.

Conditional Probability.

CHEMISTRY (043)

APRIL & MAY

Chapter 10	Haloalkenes and Haloarenes
Chapter 11	Alcohols, Phenols and Ethers

JUNE & JULY

Chapter 12	Aldehydes, ketones and Carboxylic Acid
Chapter 13	Amines
Chapter 14	Biomolecules

AUGUST

Chapter 3	Electrochemistry
Chapter 2	Solutions

SEPTEMBER

REVISION

OCTOBER

Chapter 9	Coordination Compounds
Chapter 4	Chemical kinetics

NOVEMBER

Chapter 8	D and F -block Elements
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Practical

Preparation of starch solution
Crystallisation Chromatography
Effect of concentration on the rate of reaction
Quantitative Analysis (2 Titrations)
Salt analysis (12-15 salts) Analysis of food stuff
Functional group analysis

PRE-MID TERM	Chapter- 10,11
MID TERM	Chapter-10,11,12,13,14 ,2 and 3
POST-MID TERM	Chapter- 9 and 4
PREBOARD	Whole Syllabus

BIOLOGY (044)

APRIL

Chapter 2 Reproduction in Flowering Plants

Chapter 3 Human Reproduction

MAY

Chapter 4 Reproductive Health

Chapter 5 Principle of Inheritance and Variation (half)

JULY

Chapter 5 Principle of Inheritance and Variation

Chapter 6 Molecular Basis of Inheritance

Chapter 8 Human Health and Diseases

AUGUST

Chapter 7 Evolution

Chapter 10 Microbes in Human Welfare

SEPTEMBER

Chapter 11 Biotechnology: Principles and Processes

Chapter 12 Biotechnology and its Applications(half)

OCTOBER

Chapter 12 Biotechnology and its Applications

Chapter 13 Organisms and its Populations

NOVEMBER

Chapter 14 Ecosystem

Chapter 15 Biodiversity and its Conservation

PRE MID TERM :	Chapter 2, 3 and 4
MID TERM :	Chapter 2, 3, 4, 5, 6, 7, 8 ,10
PRE BOARD I :	Whole Syllabus
PRE BOARD II :	Whole Syllabus

ACCOUNTANCY (055)

APRIL & MAY

Part -B Analysis of Financial Statement

Chapter 1	Financial Statements of a company
Chapter 2	Financial Statement Analysis
Chapter 3	Accounting Ratios
Chapter 4	Cash Flow Statement
	Project Work

JUNE & JULY

Part -B Analysis of Financial Statement

Chapter 4	Cash flow Statement (contd.)
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Part-A Accounting for Partnership Firms and Companies

Chapter 1	Fundamentals
Chapter 2	Goodwill
Chapter 3	Change in Profit sharing ratio

AUGUST

Chapter 4	Admission of a Partner
Chapter 5	Retirement of a Partner

SEPTEMBER

Chapter 6	Death of a Partner
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OCTOBER

Part-A Accounting for Partnership Firms and Companies

Chapter 7	Dissolution of a Partnership Firm
Chapter 8	Issue of Shares
	Project work

NOVEMBER

Chapter 8	Issue of Shares (contd.)
Chapter 9	Issue of Debentures
Chapter	Comparative and Common-Size Statements

Pre-Mid Term Examination

Part –B Analysis of Financial Statement -. Chapter 1 to 4

Mid Term Examination

Part-A Accounting for Partnership and Companies-
Chapter 1 to 5

Part –B Analysis of Financial Statement - Chapter 1 to 4

Pre Board Examination I

Part-A Accounting for Partnership and Companies- Chapter 1 to 8

Part -B Analysis of Financial Statement- Chapter 1 to 4
& Comparative and Common-Size Statements

Pre Board Examination II **Whole Syllabus**

ECONOMICS (030)

APRIL & MAY

Part A **Introductory Macro Economics**

Unit 2 National Income and Related Aggregates

Unit 1 Introduction to Macro economics

Part B **Indian Economic Development**

Unit 1 Development Experience (1947-90)

Chapter Indian Economy on the eve of Independence

JUNE & JULY

Part B **Indian Economic Development**

Unit 2 Economic Reforms since 1991

Chapter Liberalisation, Privatisation and Globalisation

Chapter Indian Economy- Five year plans

Part A **Introductory Macro Economics**

Unit 3 Money and Banking

Introduction to Project work

AUGUST

Part B Indian Economic Development

Unit 3 Current challenges facing Indian Economy

Chapter Human Capital Formation

Chapter Rural Development

SEPTEMBER

Part A Introductory Macro Economics

Unit 5 Government Budget and the Economy

Revision of syllabus covered

OCTOBER

Part A Introductory Macro Economics

Unit 4 Determination of Income and Employment

Part B Indian Economic Development

Unit 4 Development Experience of India, China,
Pakistan

NOVEMBER

Part A Introductory Macro Economics

Unit 6 Balance of Payments

Part B Indian Economic Development

Chapter Infrastructure

Chapter Employment

Chapter Sustainable Economic Development

Pre-Mid Examination:

Macro Economics

*National Income and related aggregates

Indian Economic Development

* Indian Economy on the eve of Independence

Mid Term Examination: Syllabus covered till September

Post-Mid Examination: Syllabus covered in October & November

Pre Board Examination 1: Whole Syllabus

Pre Board Examination 2: Whole Syllabus

BUSINESS STUDIES (054)

APRIL & MAY

BOOK 2

Chapter 11 Marketing

BOOK 1

Chapter 1 Nature and significance of management

PROJECT WORK

JUNE & JULY

BOOK 1

Chapter 2 Principles of Management

Chapter 3 Business Environment (introduction)

AUGUST

BOOK 1

Chapter 3 Business Environment (continued)

Chapter 4 Planning

Chapter 5 Organising

SEPTEMBER

BOOK 1

Chapter 6 Staffing

Mid Term Examination

OCTOBER

BOOK 1

Chapter 7 Directing
Chapter 8 Controlling

NOVEMBER

BOOK 2

Chapter 9 Financial Management
Chapter 10 Financial Market
Chapter 12 Consumer Protection

PRE MID TERM CHAPTER 11 (Marketing)
MID TERM CHAPTER 1 TO 5 & Marketing
POST MID TERM CHAPTER 6 & 7
PRE BOARD 1 ENTIRE SYLLABUS
PRE BOARD 2 ENTIRE SYLLABUS

INFORMATICS PRACTICES (065)

APRIL & MAY

Chapter 6 MySQL Functions
Chapter 7 Querying using SQL

JUNE & JULY

Chapter 5 MySQL Revision Tour
Chapter 1 Python Pandas - I

AUGUST

Chapter 3 Plotting with Pyplot (Data Visualization)
Chapter 4 Handling CSVs with Data Frames

SEPTEMBER

Revision of Mid Term Syllabus

OCTOBER

Chapter 9 Introduction to Computer Network
Chapter 10 Introduction to Internet & Web

NOVEMBER

Chapter 11
Chapter 12

Societal Impacts
Data Protection

Pre Mid
Mid Term
Post Mid
Pre-Board I
Pre-Board II

Chapter 6, 7
Chapters 1, 3, 4, 5, 6, 7
Chapters 7, 9, 10
Whole Syllabus
Whole Syllabus

COMPUTER SCIENCE (083)

APRIL & MAY

Chapter 1&2	Python Revision Tour I & II
Chapter 3	Working with Functions
Chapter 4	Using Python Libraries
Chapter 5	File Handling

JUNE & JULY

Chapter 11	Relational Databases
Chapter 12	Simple Queries in SQL
Chapter 13	Table Creation and DML Commands

AUGUST

Chapter 14	Grouping Records, Joins in SQL
Chapter 15	Interface Python with MySQL

SEPTEMBER

Revision of Mid Term Syllabus

OCTOBER

Chapter 8	Exception Handling
Chapter 9	Data Structures-2 Stacks and Queues Using Lists

NOVEMBER

Chapter 10	Communication and Network Concepts
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Pre Mid	Chapters 1, 2, 3, 4, 5
Mid Term	Chapters 1, 2, 3, 4, 5, 11, 12, 13, 14, 15
Post Mid	Chapters 8, 9, 14, 15
Pre-Board I	Whole Syllabus
Pre-Board II	Whole Syllabus

PSYCHOLOGY (037)

APRIL AND MAY

Chapter- 1	Variations in Psychological Attributes
Test- 1	Intelligence Test RSPM: Raven's Standard Progressive Matrices.
Chapter-2	Self and Personality
Test- 2	Self Report Inventory SCQ: Self Concept Questionnaire

JUNE AND JULY

Chapter-2	Self and Personality (contd.)
Chapter- 3	Meeting Life Challenges
Test- 3	Personality Test

ADJUSTMENT INVENTORY FOR SCHOOL STUDENTS

AUGUST

Chapter -3	Meeting life Challenges (contd.)
Chapter- 4	Psychological Disorders
Case Profile	Case profile on any one type of psychological disorder or on any intellectually gifted individual

SEPTEMBER:

Chapter- 4	Psychological Disorders (contd.)
Test-4	Anxiety Test SCAT: Sinha's Comprehensive Anxiety Test

OCTOBER

Chapter-5	Therapeutic Approaches
Chapter- 6	Attitude and Social Cognition
Test-5	Test to Assess Attitude Sodhi's Attitude Scale

NOVEMBER

Chapter- 6	Attitude and Social Cognition (contd.)
Chapter- 7	Social Influences and Group Processes

DECEMBER

Case Profile	Case profile should be completed.
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Pre-Mid Term Exam: Chapter- 1 & 2 (half unit)

Mid-Term Exam: Chapter- 1 to 4

Post-Mid Term Exam Chapter- 5 & 6

Pre-Board Exam: Entire Syllabus

HISTORY (027)

APRIL-MAY

BOOK 1-THEMES IN INDIAN HISTORY I

Chapter 1 Bricks, Beads and Bones

Chapter 2 Kings, Farmers and Towns

Chapter 3 Kinship, Caste and Class

Chapter 4 Thinkers, Beliefs and Buildings

JUNE-JULY

BOOK 2-THEMES IN INDIAN HISTORY II

Chapter 5 Through the eyes of Travellers

Chapter 6 Bhakti –Sufi Traditions

Chapter 7 An Imperial Capital-Vijaynagar

AUGUST

BOOK III-THEMES IN INDIAN HISTORY-III

Chapter 8 Peasants , Zamindars and the State

Chapter 10 Colonialism and the countryside

SEPTEMBER

Chapter 11 Rebels and the Raj

PROJECT WORK

OCTOBER

Chapter 13 Mahatma Gandhi and the National
Movement

NOVEMBER

Chapter 15 Framing of the Constitution

PRE MID TERM CHAPTER 1 TO 5

MID TERM CHAPTER 1 TO 7

POST MID TERM CHAPTER 8,10,11

PRE BOARD EXAMINATION ENTIRE SYLLABUS

POLITICAL SCIENCE (028)

APRIL-MAY

Book I : Contemporary World Politics

Chapter 1 The End of Bipolarity
Chapter 2 Contemporary Centres of Power
Chapter 3 Contemporary South Asia
Chapter 4 International Organisations

JUNE- JULY

Chapter 5 Security in Contemporary World
Chapter 6 Environment and Natural Resources
Chapter 7 Globalization

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

Chapter 4 India's External Relations
Introduction of project work

SEPTEMBER

Revision of chapters 1,2,3,4,5,6,7 for Mid Term

OCTOBER

Chapter 5 Challenges to and Restoration of the Congress
system

Chapter 6 Crisis of Democratic Order

NOVEMBER

Chapter 7 Regional Aspiration

Chapter 8 Recent Developments in Indian Politics

Project Work submission

PRE MID TERM Ist Book- Chapters 1,2,3

MID TERM Ist Book Chapters 1,2,3,4,5,6,7

PRE BOARD Entire syllabus

PHYSICAL EDUCATION (048)

APRIL

Unit- I Management of Sporting Events

MAY

Unit - II Children & Women in Sports

JULY

Unit – III Yoga as Preventive measure for Lifestyle Disease

AUGUST

Unit - IV Physical Education & Sports for CWSN (Children with Special Needs – Divyang)

Unit - V Sports & Nutrition

SEPTEMBER

Unit - VI Test & Measurement in Sports

OCTOBER

Unit - VII Physiology & Injuries in Sports

Unit - VIII Biomechanics & Sports

NOVEMBER

Unit - IX Psychology & Sports

Unit - X Training in Sports

DECEMBER

Revision of Whole Syllabus

PRE MID TERM 1, 2, 3

MID TERM 1, 2, 3, 4, 5

PRE BOARD Entire Syllabus

GENERAL STUDIES

APRIL Science & Society
Facts, Theories and Laws
Dispelling superstitions & myths
Major Landmarks in the history of science
in India

MAY Contemporary Problems of Indian Society
Poverty
Illiteracy
Unemployment
Social Inequalities
Population & Wealth

JULY Cultural Heritage of India
India's Historical Framework
Evolution of Indian Culture
Language, dance & literature

AUGUST India's Freedom struggle
Contribution of leaders

SEPTEMBER **Mid Term**

OCTOBER Constitution's value
Preamble Features
& Implications
Legal provisions

NOVEMBER Human Rights
Historical Prospective
Civil & Political Rights
Economic, Social & Cultural Rights
Gender Equality

Pre Mid Term Syllabus covered till July

Mid Term Syllabus covered till September

Post Mid Term Syllabus covered in October & November

S.U.P.W

APRIL & MAY	Project report on Swachh Vidyalaya i.e Swachh Bharat <ul style="list-style-type: none">• Clean India• Save Tree• Make in India• Fit India
JULY	Project on “Care for Homeless Children” Report preparation on visit to any orphanage & Submit report with pictures on the same
AUGUST	Pictorial presentation on Health issues causing Havoc in society
SEPTEMBER	Mid Term
OCTOBER	Tree Plantation Drive
NOVEMBER	Rangoli on Social Issue