

ADARSH PUBLIC SCHOOL

C-Block, Vikas Puri

SYLLABUS CLASS-XII

SESSION : 2022-23

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
VISTAS		
WRITING SKILL	Advertisement (Classified & Display)	
READING SKILL	Unseen Comprehension, Note Making	

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, Note Making	

AUGUST

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

WRITING SKILL	Report Writing, Letter Of Placing Order, Formal Invitations & Replies
READING SKILL	Unseen Comprehension Note Making

SEPTEMBER

FLAMINGO	Chapter 8	Going Places
	Chapter 7	The Interview
VISTAS	Chapter 8	Memories of Childhood
WRITING SKILL	Debate 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	Speech Writing, Letter Of Enquiry Informal Invitations & Replies	
READING SKILL	Unseen Comprehension, Note Making	

NOVEMBER

FLAMINGO	Poem 2	An Elementary School Classroom In a Slum
VISTAS	Chapter 5	Should Wizard Hit Mommy
	Chapter 7	Evans Tries an 'O' Level
	Chapter 2	The Tiger King
WRITING SKILL	Poster Drafting Letter Of Complaint	

Pre-Mid Examination	Syllabus covered till June
Mid Term Examination	Syllabus covered till August
Post-Mid Examination	Syllabus covered in September & October
Pre Board Examination	Whole Syllabus

PHYSICS (042)

APRIL

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

MAY

Chapter 3	Current Electricity
Chapter 4	Moving Charges and Magnetism

JULY

Chapter 5	Magnetism and Matter
Chapter 6	Electromagnetic Induction
Chapter 7	Alternating Currents
Practical	
Experiment 3	Half Deflection
Experiment 4	Sonometer

AUGUST

Chapter 8	Electromagnetic Waves
Chapter 9	Ray Optics and Optical Instruments
Chapter 10	Wave Optics
Practical	
Experiment 5	Prism
Experiment 6	Convex Lens

SEPTEMBER

Chapter 10 Waves Optics (contd.)
Revision

OCTOBER

Chapter 11 Dual Nature of Radiation and Matter

Chapter 12 Atoms

Chapter 13 Nuclei

Practical

Experiment 7 Concave lens

NOVEMBER

Chapter 14 Semiconductor Electronics:
Materials, Devices and Simple Circuits

Practical

Experiment 8 p-n junction

PRE MID TERM EXAM Chapter : 1-4

MID TERM EXAM Chapter : 1-9

POST MID TERM EXAM Chapter : 10-13

ANNUAL EXAM Whole Syllabus

MATHEMATICS (041)

APRIL

Chapter 3 Matrices

Chapter 4 Determinants

MAY

Chapter 2 Inverse Trigonometric Functions

JULY

Chapter 5 Continuity and Differentiability

Chapter 6 Application of Derivatives

AUGUST

Chapter 1 Relation and Functions

SEPTEMBER

Chapter 12 Linear Programming

OCTOBER

Chapter 7 Integrals

Chapter 8 Application of Integrals

NOVEMBER

Chapter 9 Differential Equations

Chapter 10 Vectors

DECEMBER

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

POST MID TERM Chapter 7 and 8

PRE BOARD EXAM 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

AUGUST

Area of Rectangle using AOD Square has maximum area

SEPTEMBER

Demonstration of a function which is not one but onto

NOVEMBER

Verification of addition and cross product of vectors Geometrically

Distance between two points in the Space

DECEMBER

Shortest Distance between two skew lines

Conditional Probability

CHEMISTRY (043)

APRIL

Chapter 1 Solid State

Chapter 2 Solutions

MAY

Chapter 3 Electrochemistry

Chapter 4 Chemical Kinetics

JULY

Chapter 5 Surface Chemistry

Chapter 10 Haloalkanes and Haloarenes

Chapter 11 Alcohols, Phenols and Ethers

AUGUST

Chapter 12 Aldehydes and ketones and Carboxylic acids

Chapter 13 Organic compounds containing Nitrogen

SEPTEMBER

Chapter 7 p- block elements

Chapter 8 d and f- block Elements

OCTOBER

Chapter-9 Coordination Compounds

Chapter-14 Biomolecules

NOVEMBER

Chapter-15 Polymers

Chapter-16 Chemistry in Everyday Life

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- 1, 2, 3, 4

MID TERM Chapter-1, 2, 3, 4, 5, 10, 11 and 12

POST-MID TERM Chapter- 7, 8, 9, 13 and 14

PREBOARD Whole Syllabus

BIOLOGY (044)

APRIL

Chapter1 Reproduction in Organisms

Chapter2 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(half)
Chapter 8	Human Health and Diseases

AUGUST

Chapter 9	Strategies for Enhancement in Food Production
Chapter 10	Microbes in Human Welfare
Chapter 7	Evolution

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

DECEMBER

Chapter 16	Environmental Issues
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PRACTICALS

APRIL- JULY

- 1.Study of pollen germination on a slide
- 2.Study of soil sample
 - i) ph
 - ii) moisture content
 - iii) water holding capacity
 - iv) texture
- 3.Study of given water samples
 - i) PH
 - ii) Presence of living organisms

AUGUST- SEPTEMBER

4. Isolation of DNA from the available plant sample.
5. Study of population density and frequency by quadrat method.
6. Observation and identification of Specimens and permanent slides.

OCTOBER- NOVEMBER

7. Prepare a temporary mount of onion root tip.
8. Study the effect of 1. temperature and 2. PH on the activity of salivary amylase on starch.
9. Spotting
10. Pedigree Analysis
11. Adaptations of plants and animals in xerophytic and hydrophytic conditions.

PRE MID TERM :	Chapter 1, 2, 3 and 4
MID TERM :	Chapter 1, 2, 3, 4, 5, 6, 7, 8 and 9
POST MID TERM :	Chapter 10,11,12
PRE BOARD :	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	Tools for Financial Statement Analysis
Chapter 4	Accounting Ratios
	Project Work

JULY

Part-A Accounting for Non Profit Organisation, Partnership Firms and Companies

Chapter 2	Fundamentals
Chapter 3	Goodwill
Chapter 4	Change in Profit sharing ratio
Chapter 5	Admission of a Partner

AUGUST

Chapter 5	Admission of a Partner (contd)
Chapter 9	Accounting for Shares

Part -B Analysis of Financial Statement

Chapter 5	Cash flow Statement
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SEPTEMBER

Chapter 5	Cash flow Statement (contd)
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OCTOBER

Part- A Accounting for Non Profit Organisation, Partnership Firms and Companies

Chapter 1	Not for Profit Organisation
Chapter 6	Retirement of a Partner
	Project work

NOVEMBER

Chapter 7	Death of a Partner
Chapter 8	Dissolution of a Partnership Firm

DECEMBER

Chapter 10	Issue of Debentures
Chapter 11	Redemption of Debentures

Pre-Mid Term Examination

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

Mid Term Examination

Part-A Accounting for NPO, Partnership and Companies -
Chapter 2 to 5 and 9

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

Post-Mid Term Examination

Part-A Accounting for NPO, Partnership, Companies - Chapter 1

Part -B Analysis of Financial Statement- Chapter 5

Pre Board Examination

Whole Syllabus

Economics (030)

APRIL-MAY

Part A Introductory Macro Economics

Unit 2 Money and Banking

Unit 4 Government Budget and the Economy

Unit 5 Balance of Payments

JULY

Part B Indian Economic Development

Unit 6 Development Experience (1947-90) and economic
Reforms since 1991

Chapter Indian Economy on the eve of Independence

Chapter Indian Economy (1950-90)

Chapter Liberalisation, Privatisation and
Globalisation

Introduction to Project work

AUGUST

Unit 7	Current challenges facing Indian Economy
Chapter	Poverty
Chapter	Human Capital Formation
Chapter	Rural Development

SEPTEMBER

Revision

OCTOBER

Unit 3	Determination of Income and Employment
Unit 8	Development Experience of India, China, Pakistan

NOVEMBER

Unit 1	National Income and Related Aggregates
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DECEMBER

Unit 7	Current challenges facing Indian Economy
Chapter	Infrastructure
Chapter	Employment
Chapter	Sustainable Economic Development

Pre-Mid Examination: Syllabus covered till July

Mid Term Examination: Syllabus covered till September

Post-Mid Examination: Syllabus covered in October & November

Pre Board Examination: Whole Syllabus

BUSINESS STUDIES (054)

APRIL & MAY

BOOK 2

Chapter 11 Marketing

BOOK 1

Chapter 1 Nature and significance of management

Chapter 2 Principles of Management

PROJECT WORK

JULY

Chapter 3 Business Environment

Chapter 4 Planning

Chapter 5 Organising

Chapter 6 Staffing

AUGUST

Chapter 6 Staffing

Chapter 7 Directing

SEPTEMBER

Chapter 8 Controlling

OCTOBER

Book 2

Chapter 9 Financial Management

Chapter 10 Financial Market

NOVEMBER

Chapter 10 Financial Market

DECEMBER

Chapter 12 Consumer Protection

PRE MID TERM	CHAPTER 11
MID TERM	CHAPTER 1 TO 6 & MARKETING
POST MID TERM	CHAPTER 7 & 8
PRE BOARD	ENTIRE SYLLABUS

INFORMATICS PRACTICES (065)

APRIL & MAY

Chapter 1	Python Pandas
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JULY

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

AUGUST

Chapter 5	MySQL Revision Tour
Chapter 11	Societal Impacts
Chapter 12	Data Protection

SEPTEMBER

REVISION OF TERM I SYLLABUS

OCTOBER

Chapter 6	MySQL Functions
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NOVEMBER

Chapter 7	Querying using SQL
Chapter 8	Joins in SQL

DECEMBER

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

JANUARY & FEBRUARY

REVISION OF TERM II SYLLABUS

Pre Mid	Chapter 1
Mid Term	Chapters 1, 3, 11, 12
Post Mid	Chapters 5, 6, 7
Pre-Board	5, 6, 7, 9, 10

COMPUTER SCIENCE (083)

APRIL

Chapter 1	Python Revision Tour I
Chapter 2	Python Revision Tour II

MAY

Chapter 3	Working with Functions
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JULY

Chapter 5	File Handling
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AUGUST

Chapter 8	Data Structures-1 Linear Lists
Chapter 9	Data Structures-2 Stacks and Queues Using Lists

SEPTEMBER

Chapter 11	Relational Databases
Chapter 12	Simple Queries in SQL

OCTOBER

Chapter 13	Table Creation and DML Commands
Chapter 14	Grouping Records, Joins in SQL

NOVEMBER

Chapter 15

Interface Python with MySQL

DECEMBER

Chapter 10

Communication and Network Concepts

Pre Mid

Chapters 1, 2, 3

Mid Term

Chapters 1, 2, 3, 5, 8, 9

Post Mid

Chapters 11, 12, 13

Pre-board

Chapters 10, 11, 12, 13, 14, 15

PSYCHOLOGY (037)

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

Self Report Inventory

SCQ: Self Concept Questionnaire

JULY

Chapter-2

Self and Personality (contd.)

Chapter- 3

Meeting Life Challenges

AUGUST

Chapter -3 (Revision)

Meeting life Challenges

Chapter- 4

Psychological Disorders

SEPTEMBER:

Chapter- 4

Psychological Disorders (contd.)

OCTOBER

Chapter- 5 Therapeutic Approaches

NOVEMBER

Chapter- 6 Attitude and Social Cognition
Chapter- 7 Social Influences and Group Processes
Test- 3 Anxiety Test
SCAT: Sinha's Comprehensive
Anxiety Test

DECEMBER

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

Pre-Mid Term Exam: Chapter- 1 & 2 (half unit)
Mid-Term Exam: Chapter- 1 to 3
Post-Mid Term Exam Chapter- 4 & 5
Pre-Board Exam: Entire Syllabus

HISTORY (027)

APRIL

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

MAY

Chapter 4 Thinkers, Beliefs and Buildings

BOOK 2-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- Vijaynagara
Chapter 8	Peasants , Zamindars and the State
Chapter 9	Kings and Chronicles

ASUGUST

BOOK III-THEMES IN INDIAN HISTORY-III

Chapter 10	Colonialism and the country side
Chapter 11	Rebels and the Raj

SEPTEMBER

Chapter 12.	Colonial cities
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OCTOBER

Chapter 13	Mahatma Gandhi and the National Movement
Chapter 14.	Understanding Partition

NOVEMBER

Chapter 15	Framing of the Constitution
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PRE MID TERM	CHAPTER 1 TO 5
MID TERM	CHAPTER 1 TO 9
POST MID TERM	CHAPTER 10 TO 13
PRE BOARD EXAMINATION	ENTIRE SYLLABUS

POLITICAL SCIENCE (028)

APRIL

Book I : Contemporary World Politics

Chapter 1 Cold War and Non-aligned Movement
Chapter 2 The End of Bipolarity

MAY

Chapter 3 United Nations and its Organization
Chapter 4 Environment and Natural Resources

JULY

Book II: Politics in India since Independence
Chapter 5 Challenges of Nation Building
Chapter 6 Planning and Development

AUGUST

Chapter 7 India's Foreign Policy
Introduction of project work

SEPTEMBER

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

OCTOBER

Chapter 8 New Centers of Power
Chapter 9 South Asia and the Contemporary world

NOVEMBER

Chapter 10 Globalization
Chapter 11 Parties and the Party System in India

DECEMBER

Chapter 11 Democratic Resurgence
Chapter 12 Indian politics: Trends and Development
Complete Project Work submission

JANUARY

Chapter 13 Regional Aspiration

PRE MID TERM

Chapters 1,2,3

MID TERM

Chapters 1, 2, 3, 4, 5, 6, 7

POST MID TERM

Chapters 8, 9, 10

PRE-BOARD

Entire syllabus

Hindi (002)

अप्रैल

अंतरा

पद्य खंड

पाठ - जयशंकर प्रसाद

पाठ - सूर्यकांत त्रिपाठी निराला

गद्य खंड

पाठ - प्रेमधन की छाया स्मृति

पाठ - कच्चा चिट्ठा

पाठ - सुमिरनी के मनके

अपठित बोध, व विचार लेखन - प्रत्येक एक

मई

अंतरा

पद्य खंड

पाठ - केदार नाथ सिंह

गद्य खंड

पाठ - संवदिया

जुलाई

अंतरा

पद्य खंड

पाठ - विष्णु खरे

गद्य खंड

पाठ - गाँधी नेहरू और यास्सर अराफ़ात

पाठ - लघु कथाएँ : शेर , पहचान ' चार हाथ ' साझा

अंतराल

पाठ - सूरदास की झोपड़ी

पाठ - आरोहण

अगस्त

अंतरा

पद्य खंड

पाठ - रघुवीर सहाय

गद्य खंड

पाठ - यथास्मै रोचते विश्वम्

अंतराल

पाठ - बिस्कोहर की माटी

सितंबर
अर्धवार्षिक परीक्षा
पूर्व पठित पाठों की पुनरावृत्ति

अक्तूबर

अंतरा

पद्य खंड

पाठ - तुलसी दास
पाठ - मलिक मुहम्मद जायसी
पाठ - विद्यापति

गद्य खंड

पाठ - दूसरा देवदास
पाठ - जहाँ कोई वापसी नहीं
लेखन , नाटक कैसे लिखें

नवंबर

अंतरा

पद्य खंड

पाठ - घनानंद

गद्य खंड

पाठ - कुटज

अंतराल

पाठ - अपना मालवा खाऊ - उजाड़ सभ्यता

अभिव्यक्ति व माध्यम

पाठ - जनसंचार की विधाएँ

पाठ - कहानी लेखन

पाठ - रचनात्मक लेखन, व्यावहारिक लेखन

दिसंबर

पुनरावृत्ति व प्रथम पूर्व बोर्ड परीक्षा

जनवरी

द्वितीय पूर्व बोर्ड परीक्षा (सम्पूर्ण पाठ्यक्रम)

पूर्व मध्य सत्र मूल्यांकन

अंतरा

पद्य खंड

पाठ - 1,2

गद्य खंड

पाठ - पाठ 1,2,3

अभिव्यक्ति व माध्यम

पाठ - 1

फीचर लेखन

मध्य सत्र मूल्यांकन

अंतरा

पद्य खंड

पाठ - 1, 3, 5, 6

गद्य खंड

पाठ - 1,2,3,4,5,6,7

अंतराल

पाठ - 1, 2, 3

अभिव्यक्ति व माध्यम

पाठ - जनसंचार माध्यम

विचार लेखन, पत्र लेखन , आलेख/फीचर, अपठित बोध

प्रथम पूर्व बोर्ड परीक्षा

अंतरा

पद्य खंड

पाठ - 1,2,4,5,6,7,8,9,11

गद्य खंड

पाठ - 1,2,3,4,5,6,7,8,9,10

अभिव्यक्ति व माध्यम

पाठ - 1,2,3,4

अपठित बोध, रचनात्मक लेखन,

नाटक लेखन कहानी लेखन

द्वितीय पूर्व बोर्ड परीक्षा

संपूर्ण पाठ्यक्रम

PHYSICAL EDUCATION (048)

APRIL

Unit- I

Planning in Sports

MAY

Unit - II

Sports & Nutrition

JULY

Unit -V

Children & Women in Sports

AUGUST

Unit - VI

Test & Measurement in Sports

Unit - VIII

Biomechanics & Sports

SEPTEMBER

Unit - III

Yoga & Lifestyle

OCTOBER

Unit - IV

Physical Education & Sports for CWSN

Unit - IX

Psychology & Sports

NOVEMBER

Unit - VII

Physiology & Injuries in Sports

Unit - X

Training in Sports

DECEMBER

Revision of Whole Syllabus

Pre-Mid Term Exam:

Chapter- 1, 2 , 5, 6

Mid-Term Exam:

Chapter-1,2,5,6 & 8

Post-Mid Term Exam

Chapter- 3, 4 ,7,9 & 10

Pre-Board Exam:

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