



St. Mary's School, Dwarka

SYLLABUS FOR THE SESSION 2022-2023

CLASS XII

SUBJECT: ENGLISH CORE

Prescribed Books:

1. Flamingo: Textbook published by NCERT
2. Vistas: Supplementary Reader published by NCERT

Month		Lesson No.	Lesson Name
April	Flamingo		
	Prose	1	The Last Lesson
	Prose	2	Lost Spring
	Poetry	1	My Mother at Sixty-Six
	Writing		Notice Writing
May	Vistas		
	Prose	1	The Third Level
	Prose	2	The Tiger King
	Writing		Formal & Informal Invitations and Replies Letter of Job application
July	Flamingo		
	Poetry	3	Keeping Quiet
	Prose	3	Deep Water
	Prose	4	The Rattrap
	Poetry	4	A Thing of Beauty
	Writing		Letter to the Editor
August	Flamingo		
	Poetry	5	A Roadside Stand
	Vistas		
	Prose	3	Journey to the End of the Earth
	Prose	4	The Enemy
	Prose	6	On the Face of it
	Long writing task		Article Report
September			Revision

October	Flamingo		
	Prose	5	Indigo
	Poetry	6	Aunt Jennifer's Tigers
	Prose	6	Poets and Pancakes
	Prose	7	The Interview
November	Vistas		
	Prose	8	Memories of Childhood
	Flamingo		
	Prose	8	Going Places

Syllabus for Evaluation:

Periodic Test 1	Flamingo Vistas Writing	L-1, 2 P- 1 L- 1 All topics covered
Periodic Test 2	Flamingo Vistas Writing	L-1 to 4 P- 1,3, 4 L- 1 to 3 All topics covered
Periodic Test 3	Flamingo Vistas Writing	L-4 to 6 P-3 to 5 L-3,4,6 All topics covered
Pre-Board		Entire Syllabus

Prescribed Book: NCERT

Month	Lesson No.	Lesson Name
April	3	Current Electricity
	1	Electric Charges & Fields
May	2	Electrostatic potential & Capacitance
	4	Moving Charges & Magnetism
July	5	Magnetism & Matter
	6,7	Electromagnetic Induction & Alternating Current
	8	Electromagnetic Waves
August	9	Ray Optics
	10	Wave Optics
September	10	Wave Optics (contd.)
October	11	Dual Nature of Matter & Radiation
	12	Atoms
	13	Nuclei
November	14	Semiconductor Devices

Syllabus for Evaluation:

Periodic Test 1	Lessons 1 to 5
Periodic Test 2	Lessons 1 to 10
Periodic Test 3	Lessons 1 to 14
Pre-Board	Lessons 1 to 14

Prescribed Book: NCERT – Chemistry

Month	Lesson No.	Lesson Name
April	6	Haloalkanes and Haloarenes
May	7 9	Alcohols, Phenols and Ethers Amines
July	8 10	Aldehydes, Ketones and Carboxylic Acids Biomolecules
August	1 2	Solutions Electrochemistry
September		Revision
October	3 4	Chemical Kinetics d- and f- Block Elements
November	4 5	d- and f- Block Elements (contd..) Coordination Compounds

Syllabus for Evaluation:

Periodic Test 1	Lesson 6,7,8 and 9
Periodic Test 2	Lesson 1, 2 and 6 to 10
Periodic Test 3	Lesson 3,4 and 5
Pre-Board	Entire Syllabus

Prescribed Book: NCERT

Month	Lesson No.	Lesson Name
April	1	Reproduction in Organisms
	2	Sexual Reproduction in Flowering Plants
May	3	Human Reproduction
	4	Reproductive Health
	5	Principles of Inheritance and Variation
June	6	Molecular Basis of Inheritance
July	7	Evolution
	8	Human Health & Diseases
	9	Strategies for Enhancement in Food Production
August	10	Microbes in Human Welfare
	11	Principles and Processes of Biotechnology
	12	Biotechnology and its Applications
September		Revision
October	13	Organism and Population
	14	Ecosystems
November	15	Biodiversity & Conservation

Syllabus for Evaluation:

Periodic Test 1	Lessons 2 - 4
Periodic Test 2	Lessons 2 to 8, 10 to 12
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed Book: Computer Science with Python by Sumita Arora - Dhanpat Rai and Co

Month	Lesson No	Lesson Name
April	1	Python Revision Tour
	2	Python Revision Tour II
	3	Working with Functions
May	3	Working with Functions (contd..)
	12	Simple Queries in SQL
July		Revision of Functions
	5	File Handling
August	5	File Handling (contd..)
	10	Communication and Network Concepts
	11	Relational Databases
September	13	Table Creation and Data Manipulation Commands
October	14	Grouping Records, Joins in SQL
	15	Interface Python with MySQL
November	9	Data Structures II-Stacks Using Lists
December		Revision and Project Work

Syllabus for Evaluation: -

Periodic Test 1	Lesson - 1,2,3,5,12
Periodic Test 2	Lesson -1,2,3,5 and 10 to13
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed Book: NCERT

Month	Chapter No.	Lesson Name
April	5	Continuity and differentiability.
	2	Matrices
	4	Determinants.
	3	Inverse trigonometric functions
	6	Application of derivatives.
July	1	Relation and functions
	7	Integrations
August	8	Application of integration.
	9	Differential equations.
September	12	Linear programming.
		Revision
October	10	Vectors
	11	Three-Dimensional Geometry.
November	13	Probability

Syllabus for Evaluation:

Periodic Test 1	Chapters -2 to 6
Periodic Test 2	Chapters- 1 to 9
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed Books:**NCERT + Supplementary Reading Material**

Month	Lesson No.	Lesson Name
April	1	Variations in Psychological Attributes
May	2	Self and Personality
July	3	Meeting Life Challenges
	4	Psychological Disorders
August	5	Therapeutic Approaches
September	6	Attitude and Social Skills
October	7	Social Influences and Group Processes
November		Revision

Syllabus for Evaluation:

Periodic Test 1	Lesson 1,2
Periodic Test 2	Lesson 4,5 and 6
Periodic Test 3	Lesson 1,2,3,4,5,6 &7
Pre-Board	Entire Syllabus

CLASS XII**SUBJECT: INFORMATICS PRACTICES (065)****Prescribed Book: Informatics Practices by Sumita Arora**

Month	Lesson No	Lesson Name
April	1	Python Pandas I - Series
	1	Python Pandas I – Data Frames
May	1	Python Pandas I – Data Frames (continued...)
	5	MySQL Revision Tour
July		Revision of Python Pandas
	3	Plotting with Pyplot
	9	Introduction to Computer Networks
August	6	My SQL Functions
	7	Querying Using SQL
September	10	Introduction to Internet and Web
October	11	Societal Impacts
	12	Data Protection
November		Revision and Project Work

Syllabus for Evaluation:

Periodic Test 1	Lesson -1,3,5,9
Periodic Test 2	Lessons- 1,3,5,6,7,9,10
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed book: - Themes in Indian History -Part 1,2 and 3 (NCERT)

Month	Lesson No.	Lesson Name
		Part -1
April	1	Bricks, Beads & Bones: The Harappan Civilization
	2	Kings, Farmers & Towns: Early States and Economies (C. 600BCE-600CE)
May	2	Kings, Farmers & Towns: Early States and Economies (C. 600BCE-600CE) (Contd.)
	3	Kinship, Caste and Class – Early Societies (C. 600BCE-600CE)
	4	Thinkers, Beliefs & Buildings- Cultural Developments (C. 600BCE-600CE)
		Part -2
July	5	Through The Eyes of Travellers (10 th -17 th CE)
	6	Bhakti- Sufi Traditions (8 th -18 th Cent.)
	7	An Imperial Capital: Vijayanagara (14 th – 16 th cent.)
August	8	Peasants, Zamindars and The State (16 th – 17 th cent.)
		Part -3
	10	Colonialism and The Countryside
	11	Rebels and The Raj
September		Revision
October	13	Mahatma Gandhi and The Nationalist Movement
	15	Framing The Constitution
November		Revision

Syllabus for Evaluation:

Periodic Test 1	Lesson 1 to 4
Periodic Test 2	Lesson 1 to 7
Periodic Test 3	Lesson 1 to 8 , 10 and 11
Pre-Board	Entire Syllabus

Prescribed Books: 1. Fundamentals of Human Geography**2. India People and Economy****3. Practical Work in Geography (Part II)****By NCERT**

Month	Lesson No.	Lesson Name
Fundamentals of Human Geography		
April	1	Nature and scope
	2	World Population
	4	Human Development
May	5	Primary Activities
	6	Secondary Activities
July	7	Tertiary and Quaternary Activities
	8	Transport and Communication
	9	International Trade
India: People and Economy		
July	1	Population: Distribution, Density, Growth and Composition
August	4	Human Settlements
	5	Land Resource and Agriculture
	6	Water Resources
	7	Mineral and Energy Resource
September		Revision
October	9	Planning and Sustainable Development in Indian Context
	10	Transport and Communication
	11	International Trade
	12	Geographical Perspective on selected issues and Problem
November		Revision

Syllabus for Evaluation:

Periodic Test 1	Fundamentals of Human Geography. Lessons: 1,2,4,5,6
Periodic Test 2	Lessons :1,2,4,6,7,8,9
Periodic Test 3	India People and Economy. Lessons:1,4,5,6,7,9,10,11,12
Pre-Board	Entire Syllabus

Prescribed Books:**Part-I :- Contemporary World Politics (NCERT)****Part-II :- Politics in India since Independence (NCERT)****Part-I : Contemporary World Politics :-**

Month	Lesson No.	Lesson Name
April	1	The End of Bipolarity
May	2	New Centers of Power
	3	Contemporary South Asia
July	4	United Nations and its Organisations
	5	Security in the Contemporary World
	6	Environment and Natural Resources
August	7	Globalisation

Part-II :-Politics in India since Independence:-

Month	Lesson No.	Lesson Name
August	1	Challenges of Nation Building
	2	Politics of Planned Development
September		Revision
October	3	India Foreign Policy
	4	Parties and Party system in India
November	5	Democratic Resurgence
	6	Regional Aspirations
December	7	Indian Politics: Recent Trends and Development

Syllabus for Evaluation:

Periodic Test 1	Contemporary World Politics (Part-I) Lessons 1 to 4
Periodic Test 2	Contemporary World Politics (Part-I) Lessons 1 to 7 Politics in India Since Independence (Part II) Lesson -1
Periodic Test 3	Politics in India Since Independence Part II Lesson 2 to 5
Pre-Board	Entire Syllabus

Prescribed Book: Double Entry Book Keeping -II (By T. S. GREWAL)

Month	Lesson No.	Lesson Name
April	PART - B	
	1	Financial Statement of a company
	2	Financial Statement Analysis
May	4	Accounting Ratios
	5	Cash Flow Statement
July	5	Cash Flow Statement (contd..)
	PART- A	
	2	Fundamentals of Partnership
	3	Valuation of Goodwill
	4	Change in Profit Sharing Ratio
	5	Admission of a Partner
August	5	Admission of a Partner (contd.)
	6	Retirement of a Partner
	7	Death of a Partner
September		Revision
October	8	Dissolution of Partnership firm
	9	Accounting for share Capital
November	9	Accounting for share Capital (contd.)
	10	Accounting for Debentures (Issue of Debentures)
		Revision

PROJECT WORK: To be done with the topics as and when covered.

Syllabus for Evaluation:

Periodic Test 1	Lesson – 1, 2, 4, 5 (Part - B), Lesson - 3 (Part –A)
Periodic Test 2	Lesson– 1, 2, 4, 5 (Part - B), Lesson -2 to 5 (Part –A)
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed Books: N.C.E.R.T, G.S. ALAG

Month	Lesson No.	Lesson Name
April	1	Nature and significance of management
	2	Principles of Management
	3	Business Environment
	4	Planning
July	4	Planning (contd..)
	5	Organising
	6	Staffing
	7	Directing
August	7	Directing (contd.)
	8	Controlling
	9	Financial Management
September		Revision
October	10	Financial Market
	11	Marketing Management
November	12	Consumer Protection
		Revision

PROJECT WORK: To be done with the topics as and when covered.**Syllabus for Evaluation:**

Periodic Test 1	Lessons – 1 to 4
Periodic Test 2	Lessons– 1 to 8
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed Books: - Part A :- Introductory Macroeconomics by T.R. Jain

Part B :- Indian Economic Development by T. R. Jain

Indian Economic Development (NCERT)

Month	Unit No.	Unit Name
April	2	Money and Banking
	4	Government Budget and the Economy
	6	Development Experience (1947-90) and Economic Reforms since 1991
May	6	Development Experience (1947-90) and Economic Reforms since 1991 (contd.)
	5	Balance of Payment
		Project Work
July	1	National Income and Related Aggregates
	7	Current Challenges facing Indian Economy
	3	Determination of Income and Employment
August	7	Current Challenges facing Indian Economy (contd.)
September	-	Revision
October	8	Development Experience of India - A Comparison with Neighbours
November	8	Development Experience of India - A Comparison with Neighbours (contd.)
December	-	Revision

Syllabus for Evaluation:

Periodic Test 1	Unit – 2,4,5 and 6
Periodic Test 2	Unit -1 to 6
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed Book : _ Physical Education by S. P. Publication

Month	Lesson No.	Lesson Name
April	1	Management of Sporting Events
	2	Children and Women in Sports
May	3	Yoga and Lifestyle
	4	Physical Education and Sports for CWSN
July	5	Sports and Nutrition
	6	Test and Measurement in Sports
August	7	Physiology and Injuries in Sports
September		Revision
October	8	Biomechanics and Sports
	9	Psychology and Sports
November	10	Training in Sports
December		Revision

Syllabus for Evaluation:

Periodic Test 1	Lessons: 1 to 3
Periodic Test 2	Lessons 1 to 6
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Month	Topics
April – May	(A) Indian History:-
	(i) Ancient India:- (a) Indus Valley Civilization (b) Vedic Period (c) Mahajanapadas (d) Buddhism (e) Maurya Empire Administration structure, Rulers and Legacy. (f) Gupta Empire, Rulers and Legacy (g) Invasions from Central Asia (h) Kingdoms, States and Dynasties of South India their Rulers and Legacy.
	(ii) Modern Indian History:- (a) Marathas (b) Reform Movements (c) 1857 Revolt (d) Freedom Struggle – formation of INC (Moderate, Extremist & Gandhian Era) (e) British Rule in India (f) Indian National Movement (g) Government Gen. During British India.
July	(B) Indian Polity:-
	(i) Constitutional Framework (Historical background making of the Constitul Features of the constitution Preamble, The Union and its Territories, Citizenship, Fundamental Right, Directive Principles of State policy, Fundamental Duties, Amendment of the Constitution Basic Structure)
	(ii) System of Govt. :- Parliamentary system , Federal system, Center-State relations, Inter-state-relation
	(iii) Central Govt.:- President, PM, Vice President, Council of Ministers etc.
	(iv) State Govt.:- Governor, CM etc.
	(v) UTs & Local Government
	(vi) Constitutional Bodies:- Election commission, UPSC, State PCs, Finance Commission, National Commission for SCs.
	(vii) Emergency Provisions :- National Emergency, State/Constitutional Emergency & Financial emergency.
August-September	(C) Indian & World Geography:-
	(i) General Geography and Physical Features:- (a) Important Passes in India, (b) Indian Cities and their Nicknames, (c) Indian States on International Boundaries.
	(ii) Climate, Soil & Vegetation:- (a) Climate of India (b) Soil profile of India (c) Major crops of India/Temperature , Rainfall & soil. (d) Agricultural Revolution in India/Reasons and Effects.

	(iii) Drainage System:- (a) Indian Drainage System (b) East & West Flowing rivers in India (c) Towns situated on the Banks of River (d) Lakes in India.
	(iv) Economic Geography:- (a) Major Parts on West Coast of India (b) Major Parts on East Coast of India (c) Major Coal Fields in India (d) Indian States in Mineral Wealth
	(v) Ocean and Movement of Ocean Water, Marine resources.
	(vi) Agriculture, Industries, Environment, Natural Vegetation & Wild Life.
October	(D) Indian and World Economics:-
	(i) Five year plans before and after the liberalization.
	(ii) Human Development Index.
	(iii) Sustainable Development
	(iv) Public Sectors in Indian Economy
	(v) New Economic Policy of 1991
	(vi) NABARD, RBI
	(vii) National Food Security Bill
	(viii) Goods and Services Tax (GST)
	(ix) World Bank, IMF, WTO, The EU, BRICS, SAFTA, ASEAN, G-8, G-20.
November	(E) Science and Technology :-
	(i) Biology:- Human Organ system (a) Integumentary System (b) Digestive System (c) Respiratory System (d) Circulatory System (e) Nervous System.
	(ii) Food and Nutrition.
	(iii) Information Technology
	(iv) Nanotechnology
	(v) Space Technology
December	(F) Art and Culture:-
	(i) Religious Movements :- (a) Jainism, Buddhism & Brahmanism
	(ii) Vedic Literature:- Vedas & Other Literature
	(iii) Sangam Literature
	(iv) Architecture
	(v) Dance

January	(G) Sports:-
	(i) Major National and International Sports events.
	(ii) Sports Terminology
	(iii) Cups and Trophies
	(iv) Sports/Games Organisations
	(H) Awards and Honours /Books and Authors:-
	(i) National Awards / Honours
	(ii) International Awards/Honours
	(iii) State/Regional Awards /Honours
February	(I) Environment:-
	(i) Environmental Ecology
	(ii) Biodiversity
	(iii) Climate Change
	(iv) Environmental Institution
	(v) Act/Laws/Policies related to Environment
	(vi) Environment Movements
	(vii) Environment Summits.

GK Evaluation Schedule:

G.K. Test 1	27 th May, 2022	All questions covered in class
G.K. Test 2	5 th August, 2022	All questions covered in class
G.K. Test 3	9 th Sept., 2022	All questions covered in class
G.K. Test 4	11 th Nov., 2022	All questions covered in class
G.K. Test 5	23 rd Dec.,2022	All questions covered in class
G.K. Test 6	10 th Feb ,2023	All questions covered in class

EVALUATION SCHEDULE: Session 2022-23

Day/Date	Periodic Test 1
Mon, 11 th July	Math/IP/Geog./Psy.
Mon, 18 th July	Bio/Eco/Comp.Sc/Phy.Edu
Mon, 25 th July	Chem/B.St./Pol.Sc.
Mon, 1 st Aug	Phy./Accts./History
Mon, 8 th Aug	English

Day/Date	Periodic Test 2
Mon, 19 th Sept	Bio/Eco/Comp.Sc/Phy.Ed
Wed, 21 st Sept	Chem/B.St/Pol.Sc
Fri ,23 rd Sept	Math/IP/Geog/Psy
Tue, 27 th Sept	Phy/Accts/History
Thu ,29 th Sept	English
Fri, 30 th Sept	Sixth Subject

Day/Date	Periodic Test 3
Fri, 25 th Nov	Bio/Eco/Comp.Sc/Phy.Ed
Mon, 28 th Nov	Chem/B.St/Pol.Sc
Thu, 1 st Dec	Math/IP/Geog/Psy
Mon, 5 th Dec	Phy/Accts/History
Thur, 8 th Dec	English

Day/Date	Pre-Board
Tue, 10 th Jan	Bio/Eco/Comp.Sc/Phy.Ed
Fri, 13 th Jan	Chem/BST/Pol Sci
Mon, 16 th Jan	Math/IP/Geog/Psy
Fri, 20 th Jan	Phy/Accts/History
Mon, 23 th Jan	English
Fri, 27 th Jan	Sixth Subject