



St. Mary's School, Dwarka

SYLLABUS FOR THE SESSION 2023-2024

CLASS XII

SUBJECT: ENGLISH (CORE)

Prescribed Books:

1. Textbook: Flamingo
2. Supplementary Reader: Vistas

Month		Lesson No.	Lesson Name
April	Textbook	1	Prose: Last Lesson
		1	Poetry: My Mother at Sixty- Six
	Suppl.	1	Prose: The Third Level
	Reader	2	Prose: The Tiger King
May	Writing		Notice Writing
	Textbook	2	Prose: Lost Spring
	Suppl.	3	Prose: Journey to the End of the Earth
	Reader	4	Prose: The Enemy
July	Writing		Formal and Informal Invitations and Replies
	Textbook	3	Prose: Deep Water
		3	Poetry: Keeping Quiet
		5	Poetry: A Thing of Beauty
August	Writing		Job Application, Letter to the Editor
	Textbook	4	Prose: The Rattrap
		5	Prose: Indigo
	Suppl.	5	Poetry: A Roadside Stand
October	Reader	6	Prose: On the Face of It
	Writing		Article & Report Writing
	Textbook	6	Prose: Poets and Pancakes
		7	Prose: The Interview
November	Suppl.	8	Prose: Going Places
	Reader	6	Poetry: Aunt Jennifer's Tigers
			Speech Writing
			Prose: Memories of Childhood

Syllabus for Evaluation:

Periodic Test 1	Textbook Supplementary Reader Writing	L-1, 2 P- 1 L- 1, 2 All topics covered in the class.
Periodic Test 2	Textbook Supplementary Reader Writing	Fiction 1 to 5 Poem 1 to 4 Fiction 1 to 4 All topics covered in the class.
Periodic Test 3	Textbook Supplementary Reader Writing	Entire Syllabus
Pre-Board		Entire Syllabus

Prescribed Book: NCERT – Physics

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	Lesson 1 to 4
Periodic Test 2	Lesson 1 to 10
Periodic Test 3	Lesson 1 to 14
Pre-Board	Lesson 1 to 14

Prescribed Book: NCERT – Chemistry

Month	Lesson No.	Lesson Name
April	6	Haloalkanes and Haloarenes
May	7	Alcohols, Phenols and Ethers
	9	Amines
July	8	Aldehydes, Ketones and Carboxylic Acids
	10	Biomolecules
August	1	Solutions
	2	Electrochemistry
September		Revision
October	3	Chemical Kinetics
	4	d- and f- Block Elements
November	4	d- and f- Block Elements (contd..)
	5	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
	1	Sexual Reproduction in Flowering Plants
	2	Human Reproduction
	3	Reproductive Health
May	4	Principles of Inheritance and Variation
	5	Molecular Basis of Inheritance
July	6	Evolution
	7	Human Health & Diseases
	8	Microbes in Human Welfare
August	9	Biotechnology -Principles and Processes
	10	Biotechnology and its Applications
September		Revision
October	11	Organisms and Populations
	12	Ecosystem
November	13	Biodiversity & Conservation

Syllabus for Evaluation:

Periodic Test 1	Lessons 1 to 4
Periodic Test 2	Lessons 2 to 8
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
May	3	Working with functions
	13	Simple Queries in SQL
July		Revision of Functions
	5	File Handling
	10	Computer Networks-I
August	11	Communication and Network Concepts
	12	Relational Databases
September	4	Using Python Libraries
	14	Table Creation and Data Manipulation Commands
October	15	Grouping Records, Joins in SQL
	16	Interface Python with MySQL
November	8	Data Structures -1: Linear Lists
December		Revision and Project Work

Syllabus for Evaluation: -

Periodic Test 1	Lesson - 1,2,3,5,13
Periodic Test 2	Lesson -1 to 5 and 10 to14
Periodic Test 3	Entire Syllabus
Pre-Board	Entire Syllabus

Prescribed Book: NCERT

Month	Lesson No.	Lesson Name
April	5	Continuity and differentiability.
	6	Application of derivatives.
May	1	Relation and functions
	3	Matrices
	4	Determinants.
	2	Inverse trigonometric functions
July	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	Chapter -1 to 6
Periodic Test 2	Chapter- 1 to 9
Periodic Test 3	Entire Syllabus
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
May	2	Python Pandas II
	5	MySQL SQL Revision Tour
	4	Importing/Exporting Data between CSV Files/MySQL and Pandas
	9	Introduction to Computer Networks
July		Revision of Python Pandas
	3	Plotting with Pyplot
	10	Introduction to Internet and Web
August	6	My SQL Functions
	7	Querying Using SQL
September	8	Joins and SET Operations
October	11	Societal Impacts
	12	Data Protection
November		Revision and Project Work

Syllabus for Evaluation:

Periodic Test 1	Lesson -1,4,5,9
Periodic Test 2	Lessons- 1 to 10
Periodic Test 3	Entire Syllabus
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
	3	Tools for Financial Statement Analysis
May	4	Accounting Ratios
	5	Cash Flow Statement
	PART- A	
	3	Valuation of Goodwill
July	2	Fundamentals of Partnership
	4	Change in Profit Sharing Ratio
August	5	Admission of a Partner
	6	Retirement of a Partner
	7	Death of a Partner
September	8	Dissolution of Partnership firm
		Revision
October	9	Accounting for share Capital
November	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 to 5 (Part - B), Lesson - 3 (Part –A)
Periodic Test 2	Lesson– 1 to 5 (Part - B), Lesson -1 to 6 (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
May	2	Principles of Management
	3	Business Environment
	4	Planning
July	5	Organising
	6	Staffing
	7	Directing
August	7	Directing (contd.)
	8	Controlling
	9	Financial Management
September	9	Financial Management (contd.) Revision
October	10	Financial Market
	11	Marketing Management
November	11	Marketing Management (contd.)
	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: - Indian Economic development and Macro Economics
(By T. R. Jain and NCERT)**

Month	Unit No.	Unit name
April	2	Money and banking
	1	National income and related aggregates
May	6	Development Experience (1947-90) and Economic Reforms since 1991
	4	Government budget and the economy
July		Project Work
	3	Determination of income and employment
August	7	Current challenges facing Indian Economy
	5	Balance of payment
September	7	Current challenges facing Indian Economy
	7	Current challenges facing Indian Economy (Revision)
October	8	Development Experience of India – A Comparison with Neighbours
November	8	Development Experience of India – A Comparison with Neighbours Project work

Syllabus for Evaluation:

Periodic Test 1	Unit – 1,2,4 and 6
Periodic Test 2	Unit -1 to 6
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
April	1	Bricks, Beads & Bones: The Harappan Civilization
	2	Kings, Farmers & Towns: Early States and Economies (C. 600BCE-600CE)
May	3	Kinship, Caste and Class – Early Societies (C. 600BCE-600CE)
	4	Thinkers, Beliefs & Buildings- Cultural Developments (C. 600BCE-600CE)
July		Part -2
	5	Through The Eyes of Travellers (10 th -17 th CE)
	6	Bhakti- Sufi Traditions (8 th -18 th Cent.)
August	7	Imperial Capital: Vijayanagara (14 th – 16 th cent.)
	8	Peasants, Zamindars And The State (16 th – 17 th cent.)
	9	Kings and Chronicles (16 th – 17 th cent.)
	10	Colonialism and The Countryside
September	11	Rebels and The Raj
		Revision
October	12	Colonial Cities: Urbanisation, Planning and Architecture (18 th – 19 th cent.)
November	13	Mahatma Gandhi and The Nationalist Movement
	14	Understanding Partition
December	15	Framing The Constitution
		Revision

Syllabus for Evaluation:

Periodic Test 1	Lesson 1 to 4
Periodic Test 2	Lesson 1 to 9 (Ist and IInd book)
Periodic Test 3	Entire Syllabus
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 Centres of Power
	3	Contemporary South Asia
July	4	United Nations and its Organizations
	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 Trend and Development

Syllabus for Evaluation:

Periodic Test 1	Contemporary World Politics (Part-I) Lessons 1 to 3
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 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- Distribution, Density and Growth
	3	Human Development
May	4	Primary Activities
	5	Secondary Activities
July	6	Tertiary and Quaternary Activities
	7	Transport and Communication
	8	International Trade
India: People and Economy		
July	1	Population: Distribution, Density, Growth and Composition
	2	Human Development
August	3	Land Resource and Agriculture
	4	Water Resources
	5	Mineral and Energy Resource
September		Revision
October	6	Planning and Sustainable Development in Indian Context
	7	Transport and Communication
	8	International Trade
	9	Geographical Perspective on selected issues and Problem
November		Revision

Syllabus for Evaluation:

Periodic Test 1	Fundamentals of Human Geography. Lessons: 1 - 8
Periodic Test 2	India People and Economy Lessons :1 - 9
Periodic Test 3	Entire syllabus
Pre-board	Entire syllabus

Prescribed Books: NCERT + Supplementary Reading Material
- NCERT

MONTH	LESSON NO.	LESSON NAME
April	1	Variations in Psychological Attributes
May	2	Self and Personality
	3	Meeting Life challenges
July	4	Psychological Disorders
August	5	Therapeutic Approaches
September	6	Attitude and Social Skills
October	7	Social Influence and Group Processes
November		Revision
December		Revision
January		Revision
February		Revision

Syllabus for Evaluation:

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

Prescribed Book : Big Think Publication

Month	Lesson No.	Lesson Name
April	1	Management of Sporting Events
	2	Children and Women in Sports
May	3	Yoga as Preventive measure for Lifestyle Disease
July	4	Physical Education and Sports for CWSN (Children with special Needs-Divyang)
August	5	Sports and Nutrition
	6	Test and Measurement in Sports
September	7	Revision Physiology and Injuries in Sports
	8	Biomechanics and Sports
October	9	Psychology and Sports
	10	Training in Sports
November		
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:- Post Medieval : Rajputs, Chauhans Satvahanas (235-100 BCE). (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. (i) Sangam Age 300 BC – 300 AD (Chola, Cheras, Pandayas)
	(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. (h) Indian National Army.
July	(B) Indian Polity:-
	(i) Constitutional Framework (Historical background making of the Constitutional 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) New Economic Policies (2014-2023)
	(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
	(I) Environment: -
	(i) Environmental Ecology
	(ii) Biodiversity
February	(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	12 th May 2023	All questions covered in the class.
G.K. Test 2	4 th August 2023	All questions covered in the class.
G.K. Test 3	8 th Sept. 2023	All questions covered in the class.
G.K. Test 4	3 rd Nov. 2023	All questions covered in the class.
G.K. Test 5	15 th Dec. 2023	All questions covered in the class.
G.K. Test 6	16 th Feb 2024	All questions covered in the class.

EVALUATION SCHEDULE: Session 2023-24

Day/Date	Periodic Test 1
Mon,10th July	Math/IP/Geog/Psy
Mon,17th July	Bio/Eco/Comp.Sc/Phy.Ed
Mon,24th July	Chem/BST/Pol Sci
Mon,31st July	Phy/Accts/History
Mon, 7th Aug	English

Day/Date	Periodic Test 2
Tue,19th Sept	Bio/Eco/Comp.Sc/Phy.Ed
Thu,21st Sept	Chem/BST/Pol Sci
Mon,25th Sept	Math/IP/Geog/Psy
Wed,27th Sept	Phy/Accts/History
Fri,29th Sept	English
Tue, 3rd Oct	Sixth Subject

Day/Date	Periodic Test 3
Fri, 1st Dec	Bio/Eco/Comp.Sc/Phy.Ed
Mon, 4th Dec	Chem/BST/Pol Sci
Thu, 7th Dec	Math/IP/Geog/Psy
Mon, 11th Dec	Phy/Accts/History
Thu, 14th Dec	English

Day/Date	Pre-Board
Tue, 9th Jan	Bio/Eco/Comp.Sc/Phy.Ed
Fri ,12th Jan	Chem/BST/Pol Sci
Mon, 15th Jan	Math/IP/Geog/Psy
Fri, 19th Jan	Phy/Accts/History
Mon, 22nd Jan	English
Wed 24th Jan	Sixth Subject