

St. Mary's School, Dwarka

SYLLABUS FOR THE SESSION 2023-2024

CLASS :XI SUBJECT: ENGLISH

Prescribed Books: Textbook -

Hornbill

Supplementary Reader-

Snapshots

Month		Lesson No.	Lesson Name
April	Hornbill	1	Prose: The Portrait of a Lady
		1	Poetry: A Photograph
	Snapshots	1	Prose: The Summer of the Beautiful White Horse
			Writing: Classified Advertisements
May	Hornbill	2	Prose: We're Not Afraid to Dieif We Can All Be
			Together
	Snapshots	2	Prose: The Address
			Writing: Poster and Article Writing
July	Hornbill	3	Prose: Discovering Tut: the Saga Continues
			Poetry: The Laburnum Top
	Hornbill	3	Grammar: Gap filling exercises
			Transformation of Sentences
August	Hornbill	4	Poetry: The Voice of the Rain
			Writing: Note Making and Summarizing
			Grammar: Tenses, Determiners
September			Writing: Speech
October	Hornbill	6	Poetry: Childhood
			Grammar: Change of Voice, Determiners
November	Snapshots	5	Drama: Mother's Day
	Hornbill	7	Prose: The Adventure
December	Snapshots	7	Prose: Birth
	Snapshots	8	Poetry: The Tale of Melon City
			Writing: Debate

January	Hornbill	8	Prose: Silk Road
	Hornbill	8	Poem: Father to Son
February			Writing: Classified Advertisement

Periodic Test 1	Hornbill	Fiction 1
		Poem 1
	Snapshots	Fiction 1
	Writing and	All topics covered in the class
	Grammar	
Periodic Test 2	Hornbill	Fiction 1, 2, 3
		Poem 1, 2
	Snapshots	Fiction 1,2
	Writing and	All topics covered in the class
	Grammar	
Periodic Test 3	Hornbill	Fiction 3,6
		Poem 3,4
	Snapshots	5,7
	Writing and	All topics covered in the class
	Grammar	
Final	Hornbill	Fiction 1, 2, 3, 6, 7, 8
		Poem 1,3,4,6,8
	Snapshots	Fiction 1, 2, 5, 7, 8
	Writing and	All topics covered in the class
	Grammar	

Prescribed Textbook: NCERT

Month	Lesson No.	Lesson Name
April	1	Physical World
May	2	Units & Measurement
July	3	Motion in a straight Line
	4	Motion in a plane
August	5	Laws of motion
	6	Work, Energy & Power
September	7	Motion of system of particles & rotation
October	7	Motion of system of particles & rotation (contd.)
	8	Gravitation
November	9	Mechanical properties of solids
	10	Properties of fluids
December	14	Oscillations
	15	Waves
January	11	Thermal Properties of Matter
	12	Thermodynamics
	13	Kinetic Theory of Gases

Periodic Test 1	Lesson 1 to 4	
Periodic Test 2	Lesson 1 to 7	
Periodic Test 3	Lesson 7, 8, 9, 10, 14, 15	
Final	Lesson 1 to 15	

Prescribed Books- Chemistry (Part 1 and 2) (NCERT)

CLASS: XI

Month	Lesson No.	Lesson Name
April	1	Some Basic Concepts of Chemistry
May	7	Redox Reactions
July	2	Structure of Atoms
	3	Classification of Elements and
		Periodicity in Properties
August	4	Chemical bonding and Molecular
		Structure
	5	Chemical Thermodynamics
September		Revision
October	6	Equilibrium
November	6	Equilibrium (contd)
	8	Organic Chemistry: Some Basic
		Principles and Techniques
December	9	Hydrocarbon
January		
February		Revision

Periodic Test 1	Lesson 1, 2, 3 and 7
Periodic Test 2	Lesson 1 to 5 and 7
Periodic Test 3	Lesson 6 and 8
Final	Entire Syllabus

Prescribed Book: NCERT

Class: XI

Month	Lesson No.	Lesson Name
	1	The Living World
April	2	Biological Classification
	3	Plant Kingdom
May	5	Morphology of Flowering Plants
	4	Animal Kingdom
July	6	Anatomy of Flowering Plants
	8	Cell-The Unit of Life
August	7	Structural Organisation in Animals
	9	Biomolecules
September	10	Cell Cycle and Cell Division
		Revision
October	13	Photosynthesis in Plants
November	14	Respiration in Plants
December	17	Breathing and Exchange of Gases
	18	Body Fluids and Circulation
	19	Excretory Products and their Elimination
January	20	Locomotion and Movement
	21 22	Neural Control and Coordination
	<u> </u>	Chemical Coordination and Integration
February		Revision

Periodic Test 1	Lesson 1,2
Periodic Test 2	Lessons 1-6, 8
Periodic Test 3	Lesson 7,9,10
Final	Entire Syllabus

SUBJECT: COMPUTER SCIENCE(083)

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

Month	Lesson No	Lesson Name
April	1	Computer System Overview
	2	Data Representation
May	4	Introduction to Problem Solving
	5	Getting Started with Python
	6	Python Fundamentals
July	7	Data Handling
	8	Flow of Control
August	8	Flow of Control (contd)
	9	String Manipulation
September		Revision
October	3	Boolean Algebra
	10	List Manipulation
	11	Tuples
November	12	Dictionaries
	14	Cyber Safety
December	15	Online Access and Computer Security
		Introduction to Structured Query Language
January		Introduction to Structured Query Language (contd)
	16	Society Law and Ethics
February		Revision and Project Work

Periodic Test 1	Lesson - 2,4,5,6,7
Periodic Test 2	Lesson -1,2,4,5,6,7,8,9
Periodic Test 3	Lessons 3,10,11
Final	Entire Syllabus

Prescribed Book: NCERT

Month	Chapter No.	Lesson Name
April	1	Sets
May	2	Relation and Functions
July	3	Trigonometric Functions
August	5	Complex Number
	6	Linear Inequalities
	7	Permutations and Combinations
September		Revision
October	9	Sequence and Series
	10	Straight Line
November	11	Conic Sections
	12	Statistics
December	13	Limits and Derivatives
January	14	Probability
February		Revision

Periodic Test 1	Chapters: 1 to 3
Periodic Test 2	Chapters: 1 to 7
Periodic Test 3	Chapters: 9 to 11
Final	Entire Syllabus

SUBJECT: INFORMATICS PRACTICES (065)

Prescribed Book: Informatics Practices by Sumita Arora - Dhanpat Rai and Co.

Month	Lesson No	Lesson Name
April	1	Computer System
	2	Getting Started with Python
May	3	Python Fundamentals
	4	Data Handling
July	4	Data Handling (contd)
	5	Flow of Control
August	5	Flow of Control(contd)
September		Revision
October	6	List Manipulation
	7	Dictionaries
November	8	Database Concepts
	9	Structured Query Language
December	9	Structured Query Language (contd)
January	10	Emerging Trends
February		Revision and Project Work

Periodic Test 1	Lessons – 1 to 4
Periodic Test 2	Lessons -1 to 5
Periodic Test 3	Lesson - 6, 7, 8
Final	Entire Syllabus

SUBJECT: ACCOUNTANCY

Prescribed Book: Double Entry Book Keeping – I (By T. S. GREWAL)

CLASS: XI

Month	Lesson No	Lesson Name
April	1	Introduction to Accounting
	2	Basic Accounting Terms
May	3	Theory base Accounting, Accounting Standard and IFRS
	4	Basis of Accounting
	5	Accounting Equation
July	6	Accounting Procedures (Rules of debit and credit)
	7	Origin of transactions - source document And Preparation of
		Vouchers
	8	Journal
	9	Ledger
	12	GST
	14	Trial Balance
August	10	Special Purpose Book I- Cash Book
	11	Special Purpose Book II- Other Books
	13	Bank Reconciliation Statement
September	15	Depreciation
		Revision
October	15	Depreciation (Provision for Dep. Account)
November	19	Financial Statement of Sole Proprietorship
	20	Adjustments in Preparation of Financial Statement
December	20	Adjustments in Preparation of Financial Statement (contd.)
	16	Provisions and Reserves
January	18	Rectification of Errors
-	20	Accounts of Incomplete Records- Single Entry System
February		Revision

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

SYLLABUS FOR EVALUATION:

Periodic Test 1	Lessons-1 to 5
Periodic Test 2	Lessons–1 to 14
Periodic Test 3	Lesson– 15, 17,19, 20
Final	Entire Syllabus

SUBJECT: BUSINESS STUDIES

CLASS: XI PRESCRIBED BOOKS: N.C.E.R.T, G. S. ALAG

Month	Lesson No	Lesson Name
April	1	Evolution of business
May	2	Forms of Business Organization
July	3 4	Public, Private & Global Enterprises Business Services
August	4 5	Business Services (contd.) Emerging Modes of Business
September	6	Social Responsibility of Business and Business Ethics Revision
October	7	Sources of business finance
November	7 8	Sources of business finance (contd.) Small Business
December	9	Internal Trade
January	9 10	Internal Trade (contd.) International Business
February	10	International Business (contd.) Revision

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

SYLLABUS FOR EVALUATION:

Periodic Test 1	Lesson-1,2
Periodic Test 2	Lessons–1 to 3
Periodic Test 3	Lessons- 6 to 8
Final	Entire Syllabus

Prescribed Book: Micro Economics & Statistics for Economics(written by T.R.Jain & N.M. Shah and NCERT)

Month	Unit no.	Unit name	
April	4	Introduction (Micro Economics)	
	5	Consumer's equilibrium and Demand	
May	5	Consumer's equilibrium and Demand	
July	5	Consumer's equilibrium and Demand	
	6	Producer Behaviour and Supply	
August	6	Producer Behaviour and Supply	
	7	Forms of Market and Price Determination under Perfect	
		Competition with simple applications.	
September	7	Forms of Market and Price Determination under Perfect	
		Competition with simple applications.	
October	1	Introduction	
	2	Collection, Organisation and Presentation of data	
November	2	Collection, Organisation and Presentation of data	
December	2	Collection, Organisation and Presentation of data	
	3	Statistical Tools and Interpretation	
January	3	Statistical tools and interpretation	
		Project Work	

Periodic Test 1	Unit 4 and 5
Periodic Test 2	Unit 4 to 6
Periodic Test 3	Unit 1,2 and 7
Final	Unit 1 to 7

CLASS: XI Prescribed Book – Themes in World History

Month	Lesson No.	Lesson Name
April	1	From The Beginning of Time
May	2	Writing and The City Life
July	3	An Empire Across Three Continents
	4	The Central Islamic Lands
August	4	The Central Islamic Lands(cont.)
8	5	Nomadic Empires
September	6	The Three Orders
		Revision
October	7	Changing cultural traditions
	8	Confrontation of Cultures
November	9	The Industrial Revolution
December	10	Displacing Indigenous Peoples
January	11	Path to Modernisation
February		Revision

Periodic Test 1	Lesson 1 to 2
Periodic Test 2	Lesson 1 to 6
Periodic Test 3	Lesson 7 to 9
Final	Entire Syllabus

CLASS: XI SUBJECT: POLITICAL SCIENCE

Prescribed Books -- Part-A - Indian Constitution at Work

Part-B - Political Theory

Month	Lesson No.	Lesson Name
April	1	Political Theory – An Introduction
	2	Freedom
May	3	Equality
	4	Social Justice
July	5	Rights
	6	Citizenship
	7	Nationalism
August	8	Secularism
		Part-AIndian Constitution at Work
	1	Constitution: Why and How?
	2	Rights the Indian Constitution
September		Revision
October	3	Elections and Representation
	4	The Executive
	5	Legislative
November	6	Judiciary
	7	Federalism
	8	Local Govt.
December	9	Constitution as a living Document
	10	The Philosophy of the Constitution
January		Revision

Periodic Test 1	Political Theory -Lessons 1 to 4
Periodic Test 2	Political Theory-Lessons 1 to 8
Periodic Test 3	Part-I (Indian Constitution at Work) Lessons-1 to 6
Final	Entire Syllabus

Prescribed Books: 1. Fundamental of Physical Geography -NCERT

2. India Physical Environment -NCERT

3. Practical Work in Geography (Part I) -NCERT

Month	Lesson No.	Lesson Name	
	Fundamental of Physical Geography		
April	1	Geography as a Discipline	
	2	The Origin and Evolution of the Earth	
	3	Interior of the Earth	
	4	Distribution of Oceans and Continents	
May	5	Geomorphic Processes	
	6	Landforms and their Evolution	
	7	Composition and Structure of Atmosphere	
July	8	Solar Radiation, Heat Balance and Temperature	
	9	Atmospheric Circulation and Weather Systems	
	10	Water in the Atmosphere	
	11	World Climate and Climate Change	
August	12	Water (Oceans)	
	13	Movements of Ocean Water	
	14	Biodiversity and Conversation	
	India Physica	al Environment	
August	1	India — Location	
September		Revision	
October	1	India — Location (Continued)	
	2	Structure and Physiography	
November	3	Drainage System	
	4	Climate	
December	5	Natural Vegetation	
January	6	Natural Hazards and Disasters	
February		Revision	

Periodic Test 1	Fundamentals of Physical Geography. Lessons: 1 – 8
Periodic Test 2	Lessons :1 - 14
Periodic Test 3	India: Physical Environment Lessons:1-6
Final	Entire syllabus

Prescribed Book: NCERT + Supplementary Reading Material

Month	Lesson No.	Lesson Name
April	1	What is Psychology
May	2	Methods of Enquiry
July	3	Human Development
August	3	Human Development (contd)
	4	Sensory Attentional and Perceptual Processes
September		Revision
October	4	Sensory Attentional and Perceptual Processes(contd)
November	5	Learning
December	6	Human Memory
January	7	Thinking
	8	Motivation and Emotion
February		Revision

Periodic Test 1	Lesson: 1 and 2
Periodic Test 2	Lesson: 2, 3 and 4
Periodic Test 3	Lesson: 4, 5, 6, 7
Final	Entire Syllabus

Prescribed Book –Physical Education by Big Think Publication

Month	Lesson No.	Lesson Name
April	1	Changing Trends and Career in Physical Education
May	2	Olympism
July	3	Yoga
August	4	Physical Education and Sports for CWSN
	5	Physical Fitness, Health and wellness
September	6	Test, Measurement and Evaluation
		Revision
October	7	Fundamentals of Anatomy, Physiology in sports
November	8	Fundamentals of Kinesiology and Biomechanics
November	0	in sports
December	9	Psychology and Sports
January	10	Training and Doping in Sports
February		Revision

Periodic Test 1	Lessons: 1 to 3
Periodic Test 2	Lessons: 1 to 6
Periodic Test 3	Lesson: 7,8
Final	Entire Syllabus

Class XI GENERAL KNOWLEDGE

Month	Topics	
	(A) Indian History:-	
	(i) Ancient India:- Post Medieval: Rajputs, Chauhans	
	Satvahanas (235-100 BCE).	
April – May	(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.	
	(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	
July	(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.	
	(C) Indian & World Geography: -	
August-September	(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.
	(D) Indian and World Economics: -
	(i) Five-year plans before and after the liberalization.
	(ii) Human Development Index.
	(iii) Sustainable Development
0.4.1	(iv) Public Sectors in Indian Economy
October	(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.
	(E) Science and Technology: -
November	(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
	(F) Art and Culture: -
	(i) Religious Movements: - (a) Jainism, Buddhism &
	Brahmanism
December	(ii) Vedic Literature: - Vedas & Other Literature
	(iii) Sangam Literature
	(iv) Architecture
	(v) Dance
	(G) Sports: -
January	(i) Major National and International Sports events.
Juliumi j	(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,24 th July	English
Mon,31st July	Bio/Eco/Comp.Sc/Phy.Edu
Mon., 7th Aug	Chem/B.St./Pol.Sc.
Wed.16 th Aug	Math/IP/Geog./Psy
Mon 21st Aug	Phy./Accts./History

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

Day/Date	Periodic Test 3
Mon, 4 th Dec	Bio/Eco/Comp.Sc/Phy.Edu
Mon,11 th Dec	Chem/B.St./Pol.Sc
Mon, 18th Dec	Math/IP/Geog./Psy
Tue, 9th Jan	Phy./Accts./History
Mon, 15 th Jan	English

Day/Date	Final
Fri, 23 rd Feb	English
Mon ,26 th Feb	Phy./Accts./History
Thu, 29 th Feb	Bio/Eco/Comp.Sc/Phy.Edu
Mon, 4 th March	Math/IP/Geog./Psy
Mon, 11 th March	Chem/B.St./Pol.Sc
Wed 13 th Mar	Sixth Subject