



St. Mary's School, Dwarka

SYLLABUS FOR THE SESSION 2022-2023

CLASS XI

SUBJECT: ENGLISH CORE

Prescribed Books:

1. Hornbill: Textbook published by NCERT
2. Snapshots: Supplementary Reader published by NCERT

Month		Lesson No.	Lesson Name
July	Hornbill	1	Prose: The Portrait of a Lady
		1	Poetry: A Photograph
	Snapshots	1	Prose: The Summer of the Beautiful White Horse Writing: Poster
August	Hornbill	2	Prose: We're Not Afraid to Die...if We Can All Be Together
	Snapshots	2	Prose: The Address
	Hornbill	3	Prose: Discovering Tut: the Saga Continues
September	Hornbill	2	Poetry: The Laburnum Top Grammar: Gap filling exercises Reordering/ Transformation of sentences Revision
October	Hornbill	3	Writing: Note Making and Summarizing Poetry: The Voice of the Rain
November	Snapshots	5	Drama: Mother's Day
	Hornbill	4	Poetry: Childhood Writing: Speech
December	Hornbill	7	Prose: The Adventure
	Snapshots	7	Prose: Birth Writing: Debate
January	Snapshots	8	Poetry: The Tale of Melon City
	Hornbill	8	Prose: Silk Road
		5	Poetry: Father to Son
February			Writing: Classified Advertisements

Syllabus for Evaluation:

Periodic Test 1	Hornbill - Fiction 1 and Poem 1
	Snapshots- Fiction 1
	Writing and Grammar - All topics covered.
Periodic Test 2	Hornbill - Fiction 1,2 , 3 Poem 1 , 2
	Snapshots- Fiction 1 , 2
	Writing and Grammar - All topics covered.
Periodic Test 3	Hornbill - Fiction 7 Poem 3,4
	Snapshots- Fiction 5 & 7
	Writing and Grammar - All topics covered.
Final	Hornbill - Fiction 7, 8 Poem 3,4, 5 Snapshots- Fiction 5,7, 8 Writing and Grammar - All topics covered

Prescribed Book: NCERT

Month	Lesson No.	Lesson Name
July	1	Physical World
	2	Units & Measurement
July	3	Motion in a straight Line
	4	Motion in a plane
August	4	Motion in a plane (contd.)
	5	Laws of motion
August	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

Syllabus for Evaluation:

Periodic Test 1	Lessons 1 to 4
Periodic Test 2	Lessons 1 to 6
Periodic Test 3	Lesson 7, 8, 9, 10, 14, 15
Final	Lessons 1 to 15

Prescribed Book: NCERT – Chemistry

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

Syllabus for Evaluation:

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

Prescribed Book: NCERT

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

Syllabus for Evaluation:

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

CLASS: XI**SUBJECT: COMPUTER SCIENCE(083)****Prescribed Book:** Computer Science with Python by Sumita Arora - Dhanpat Rai and Co.

Month	Lesson No	Lesson Name
July	1	Computer System Overview
	2	Data Representation
	6	Getting Started with Python
	7	Python Fundamentals
August	7	Python Fundamentals (contd..)
	8	Data Handling
	9	Flow of Control
September		Revision
October	10	String Manipulation
	11	List Manipulation
	12	Tuples
November	13	Dictionaries
	3	Boolean Logic
	15	Cyber Safety
December	16	Online Access and computer Security
	17	Society Law and Ethics
January		Introduction to Structured Query Language
February		Revision and Project Work

Syllabus for Evaluation: -

Periodic Test 1	Lesson - 1,2,6,7
Periodic Test 2	Lesson -1 ,2 6,7,8,9
Periodic Test 3	Lesson -3, 10 to 13
Final	Entire Syllabus

Prescribed Book: NCERT

Month	Chapter No.	Lesson Name
July	1	Sets
	2	Relation and Functions
	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

Syllabus for Evaluation:

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

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

Month	Lesson No	Lesson Name
July	1	Computer System
	2	Getting Started with Python
	3	Python Fundamentals
August	4	Data Handling
	5	Flow of Control
September		Revision
October	6	List Manipulation
	7	Dictionaries
November	10	Database Concepts
December	11	Structured Query Language
January	12	Emerging Trends
February		Revision and Project Work

Syllabus for Evaluation: -

Periodic Test 1	Lessons – 1 to 3
Periodic Test 2	Lessons -1 to 5
Periodic Test 3	Lesson - 6,7,10
Final	Entire Syllabus

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

Month	Lesson no.	Lesson Name
July	1	Introduction to Accounting
	2	Basic Accounting Terms
	3	Theory base Accounting, Accounting Standard and IFRS
	4	Basis of Accounting
August	5	Accounting Equation
	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
September		Revision
October	10	Special Purpose Book I- Cash Book
	11	Special Purpose Book II- Other Book
November	13	Bank Reconciliation Statement
	15	Depreciation
December	16	Provisions and Reserves
	18	Rectification of Errors
January	19	Financial Statement of Sole Proprietorship
	20	Adjustments in Preparation of Financial Statement
February	20	Adjustments in Preparation of Financial Statement (contd.)
		Revision

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

Syllabus for Evaluation:

Periodic Test 1	Lesson – 1 to 5
Periodic Test 2	Lesson– 1 to 9 ; 12 & 14
Periodic Test 3	Lesson – 10,11,13,15,16 & 18
Finals	Entire Syllabus

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

MONTH	LESSON NO.	LESSON NAME
July	1	Nature and purpose of business
	2	Forms of Business Organization
August	2	Forms of Business Organization (Contd.)
	3	Public, Private & Global Enterprises
	4	Business Services
September		Revision
October	5	Emerging Modes of Business
	6	Social Responsibility of Business and Business Ethics
	7	Sources of business finance
November	7	Sources of business finance (Cont.)
	8	Small Business
December	9	Internal Trade
January	10	International Business
February	10	International Business (Cont.)
		Revision

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

Periodic Test 1	Lessons – 1 & 2
Periodic Test 2	Lessons– 1 to 4
Periodic Test 3	Lessons – 5 to 8
Finals	Entire Syllabus

Prescribed Book – Themes in World History

Month	Lesson No.	Lesson Name
July	2	Writing and The City Life
	3	An Empire Across Three Continents
	5	Nomadic Empires
August	5	Nomadic Empires(contd..)
	6	The Three Orders
	7	Changing Cultural Traditions
September		Revision
October	7	Changing Cultural Traditions (contd..)
November	10	Displacing Indigenous Peoples
December	11	Path to Modernisation
January	11	Path to Modernisation (cont.)
February		Revision

Syllabus for Evaluation:

Periodic Test 1	Lesson 2 and 3
Periodic Test 2	Lesson 2 , 3, 5 and 6
Periodic Test 3	Lesson 7 and 10
Final	Entire Syllabus

Prescribed Book: 1. Fundamentals of Physical Geography
2. India: Physical Environment
3. Practical Work in Geography (Part1)
By NCERT

Month	Lesson No.	Lesson Name
July	1	Geography as a Discipline
	2	Origin and the Evolution of the Earth
	3	Interior of the Earth
	4	Distribution of Oceans and Continents
	6	Geomorphic Processes
August	7	Landforms and their Evolution
	8	Composition and the structure of the Atmosphere
	9	Solar Radiation, Heat Balance and Temperature
	10	Atmospheric Circulation and Weather System
	11	Water in the Atmosphere
September		Revision
October	12	World Climate and Climate Change
	13	Water (oceans)
	14	Movements in Ocean Water
	15	Life on the Earth
	16	Biodiversity and Conservation
India:Physical Environment		
November	1	India: Size and location
	2	Structure and physiographic
	3	Drainage System
	4	Climate
December	4	Climate (Continued)
	5	Natural Vegetation
January	7	Natural Hazards and disasters
		Revision

Syllabus for Evaluation

Periodic Test 1	Fundamentals of Physical Geography Lesson 1,2,3,4
Periodic Test 2	Lesson: 6 to 10
Periodic Test 3	Fundamentals of Physical Geography Lessons 11 to 16 India Physical Environment – Lesson 1,2, 3
Final	Entire Syllabus

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

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

Syllabus for Evaluation:

Periodic Test 1	Lessons 1 and 2
Periodic Test 2	Lessons 2, 4 and 5
Periodic Test 3	Lessons 5, 6 & 7
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
July	4	Introduction (Micro economics)
	5	Consumer's equilibrium and Demand
August	6	Producer Behaviour and Supply
September	7	Forms of Market and Price Determination under Perfect Competition with simple applications.
October	7	Forms of Market and Price Determination under Perfect Competition with simple applications.
	1	Introduction
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

Syllabus for Evaluation:

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

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

Part-B :- Political Theory

Part-B Political Theory: -

Month	Lesson No.	Lesson Name
July	1	Political Theory – An Introduction
	2	Liberty
	3	Equality
August	4	Justice
	5	Rights
	6	Citizenship
	7	Nationalism (Cont.)
September		Revision
October	7	Nationalism
	8	Secularism

Part-A -Indian Constitution at Work

November	1	Making of Constitution
	2	Elections and Representation
	3	The Legislature
December	4	The Executive
	5	The Judiciary
	6	Federalism (Contd.)
January	6	Federalism
	7	Local Governments
		Revision
February		Revision

Syllabus for Evaluation:

Periodic Test 1	Political Theory – Lessons-1 to 3
Periodic Test 2	Political Theory – Lessons -1 to 6
Periodic Test 3	Political Theory- Lesson- 7,8
	Indian Constitution at Work – Lessons- 1 to 3
Final	Entire Syllabus

Prescribed Book -- Big Think Publications

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

Syllabus for Evaluation:

Periodic Test 1	Lesson- 1 ,2
Periodic Test 2	Lessons- 1 to 5
Periodic Test 3	Lessons – 6 to 8
Final	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 Constitutional Features of the constitution Preamble, The Union and its Territories, Citizenship, Fundamental Rights, 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, 25 th July	English
Mon, 1 st Aug	Bio/Eco/Comp.Sc/Phy.Edu
Mon, 8 th Aug	Chem/B.St./Pol.Sc.
Tue, 16 th Aug	Math/IP/Geog./Psy
Mon, 22 nd Aug	Phy./Accts./History

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

Day/Date	Periodic Test 3
Mon, 5 th Dec	Bio/Eco/Comp.Sc/Phy.Ed
Tue, 13 th Dec	Chem/B.St/Pol.Sc
Mon, 19 th Dec	Math/IP/Geog/Psy
Mon, 9 th Jan	Phy/Accts/History
Mon, 16 th Jan	English

Day/Date	Final
Fri, 24 th Feb	English
Mon, 27 th Feb	Phy/Accts/History
Thu, 2 nd Mar	Chem/BST/Pol Sci
Mon, 6 th Mar	Math/IP/Geog/Psy
Fri, 9 th Mar	Bio/Eco/Comp.Sc/Phy.Ed
Mon, 13 th Mar	Sixth Subject