

CLASS : XII**SUBJECT : ENGLISH**

Prescribed Books English Elective

1. Literature Reader
2. Language Skills Book
3. Long Reading Text : The Invisible Man: H.G. Wells

Month/Section	Unit Number	Lesson
April		
Prose	5	On Education : Albert Einstein
	1	What's Your Dream : Ruskin Bond
Drama	1	Remember Caesar: Gordon Daviot
Poetry	2	Survivors: Siegfried Sassoon
Reading	1	Sports and Sportsmanship: Note making & summarising
Writing & Grammar		Notices, Biosketch, Invitations, Newspaper Report, Letter to the Editor
May		
Prose	2	A Devoted Son : Anita Desai
	4	The Judgement of Paris: Leonard Merrick
Poetry	4	Ode to Autumn : John Keats
	1	a. The Darkling Thrush : Thomas Hardy
Writing & Grammar		Factual Description, Posters, Recipe, Frame questions
July		
Prose	3	Hum of Insects: Robert Lynd
Poetry	6	Curtain: Helen Spalding
	1	b: Hope is the Thing: Emily Dickinson
Reading	2	Arts and Aesthetics
Writing & Grammar		Letters of Enquiry, Magazine Report
Long Reading Text	1 to 15	Discussion and Ques./Ans. -"The Invisible Man"

August		
Prose	7	The Last Letter
	6	I Can Play School: May C. Jenkins
Poetry	5	Hamlet's Dilemma: William Shakespeare
Reading	3	Inventors and Inventions
Writing & Grammar		Letter of Complaints/Orders, Advertisement Property, Sale and Purchase, Matrimonial
September		
Prose	2	The Monkey's Paw: W.W. Jacob
Poetry	3	At a Potato Digging
Reading	4	Exploring New Avenues
Writing & Grammar		Review of Scientific Report, Article
Long Reading Text	16 to 28	Discussion and Ques./Ans. - "The Invisible Man"
October		
Prose	7	A Walk by Moonlight: Henry Derozio
Writing		Job Applications with Bio-data, Advertisements- Situation Vacant, Lost and Found
November		Revision
December		Revision

Syllabus for Evaluation:

Cycle Test 1		Prose Lesson : 5 On Education Drama 1: Remember Caesar Poetry 2: Survivors Writing & Grammar- All topics covered till date
Cycle Test 2		Prose Lesson 1:What's Your Dream Lesson-2 A Devoted Son Lesson-4 The Judgement of Paris Poetry 4: Ode to Autumn Reading : All topics covered till date. Writing & Grammar- All topics covered till date
Term 1		Prose: Lessons 1 to 6 Drama: 1 Poetry: 1, 2 and 4 to 6 Reading : All topics covered till date. Writing & Grammar- All topics covered till date
Cycle Test 3		Prose : Lesson 6 : I Can Play Schools Drama 2 : The Monkey's Paw Poetry 7 : A walk by Moonlight Writing & Grammar : All topics covered till date.
Term 2		Entire Syllabus
Pre Board		Entire Syllabus

CLASS : XII**SUBJECT : PHYSICS**

Prescribed Book : NCERT

Month	Lesson No	Lesson Name
April	3	Current Electricity
	1	Electric Charges & Fields
	2	Electrostatic Potential & Capacitance
May	4	Moving charges & Magnetism
July	5	Magnetism & matter
	6,7	EMI & A.C
	8	Electromagnetic Waves
August	9	Ray Optics & Optical Instruments
	10	Wave Optics
September	11	Dual Nature of Matter & Radiation
October	12	Atoms
	13	Nuclei
	14	Semiconductor Devices
November	15	Communication System

Physics Syllabus for Evaluation

Cycle Test 1	Lessons 1 to 4
Cycle Test 2	Lessons 4 to 9
Term 1	Lessons 1 to 10
Cycle Test 3	Lessons 11 to 14
Term 2	Lessons 1 to 15
Pre- Board	Lessons 1 to 15

CLASS : XII**SUBJECT : CHEMISTRY****Chemistry**

Month	Lesson	Lesson Name
April	1	The Solid State
	2	Solutions
	3	Electrochemistry
May	4	Chemical Kinetics
	5	Surface Chemistry
July	6	General Principles & Processes of Isolation of Elements
	7	The p-Block Elements
July/August	8	The d- and f-Block Elements
August	9	Coordination Compounds
	10	Haloalkanes and Haloarenes
	13	Amines
September		Revision
October	12	Aldehydes, Ketones and Carboxylic Acids
	11	Alcohols, Phenols and Ethers
November	14	Biomolecules
	15	Polymers
	16	Chemistry in Every Day Life
December		Revision
January		Revision
February		Revision

Syllabus for Evaluation

Cycle Test 1	:	Lesson No. 1,2
Cycle Test 2	:	Lesson No. 3,4,5
Term 1	:	Lesson No. 1 to 11
Cycle Test 3	:	Lesson No. 12,13 & 14
Term 2	:	Lesson No. 1 to 16
Pre Board	:	Lesson No. 1 to 16

CLASS : XII**SUBJECT : BIOLOGY**

Prescribed Book : N.C.E.R.T.

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

Syllabus for Evaluation:

Cycle Test -1	Lessons 1-5
Cycle Test -2	Lessons 6-10
TERM-1	Lessons 1-12
Cycle Test-3	Lesson 13-16
TERM -2	Lesson 1-16

CLASS : XII**SUBJECT : COMPUTER SCIENCE (083)**

Prescribed Book: Computer Science with C++ by Sumita Arora
Dhanpat Rai and Co.

Month	Lesson No	Lesson Name
April	1	C++ Revision Tour
	2	Object Oriented Programming
	3	Function Overloading
	4	Classes & Objects
	5	Constructors & Destructors
May	7	Data File Handling
	11	Database Concepts
July	12	Structued Query Language
	14	Communication & Network Concepts
	6	Inheritance: Extending Classes
August	8	Pointers
September	13	Boolean Algebra
October	9	Arrays
	10	Link Lists, Stacks and Queues
November		Revision and project Work

CLASS : XII

SUBJECT : COMPUTER SCIENCE (083)

Syllabus for Evaluation

Cycle Test 1:-	Lessons : 1-5
Cycle Test 2:-	Lessons : 6,8,12,14
Term 1:-	Lessons : 1-8,11-14
Cycle Test 3:-	Lessons : 9,10,12-14
Term 2:-	Entire Syllabus
Pre Board	Entire Syllabus

CLASS : XII**SUBJECT : INFORMATICS PRACTICES (065)**

Prescribed Book: Informatics Practices by Saraswati Publications

Month	Lesson No	Lesson Name
March & April	Unit 1	Networking and Open Standards
	1	Computer Networking
	2	Network Security and Web Services
	3	Open Source Technology
	Unit 2	Programming
May	1	Review of Java NetBeans-I
	2	Review of Java NetBeans-II
	3	Review of Java NetBeans-III
July	4	Java Methods and Classes
	5	Inheritance in Java
August	6	Java Database Connectivity (JDBC) Using MySQL
	Unit 3	Relational Database Management System
	1	Review of MySQL
	2	Grouping Records in MySQL Database
	6	Web Application Development
September	3	Working with multiple Tables and Database Transaction in My SQL
October	Unit 2	Programming
	7	Web Application Development
	Unit 4	IT Applications
	1	Front End and Back End concepts
November	1	Revision and Project Work.

CLASS : XII

SUBJECT : INFORMATICS PRACTICES (065)

Syllabus for Evaluation:-

Cycle Test 1	Lesson 1 to 3 (Unit 1), Lesson 1 & 2 (Unit 2)
Cycle Test 2	Lessons 3 to 6 (Unit 2)
Term 1	Lessons 1 & 3 (Unit 1), Lessons 1 to 6 (Unit 2), Lesson 1 & 2 (Unit 3)
Cycle Test 3	Lessons 1 to 3 (Unit 3), Lesson 1 (Unit 4), Lesson 7 (Unit 2)
Term 2	Entire Syllabus
Pre Board	Entire Syllabus

CLASS : XII**SUBJECT : PHYSICAL EDUCATION**

Prescribed Book : Health & Physical education

Month	Lesson No.	Lesson Name
April	1	Planning and Sports
	2	Adventure Sports and Leadership Training
May	3	Sports and Nutrition
July	4	Postures
	5	Children and Sports
August	6	Women & Sports
	7	Test and Measurement in Sports
September	8	Physiology and Sports
October	9	Sports Medicine
	10	Biomechanic and Sports
November	11	Physiology and Sports
	12	Training in Sports
December		Revision

Syllabus for Evaluation:

Cycle Test 1	Lesson no. 1 to 2
Cycle Test 2	Lesson 3 to 5
Term 1	Lesson no. 1 to 6
Cycle Test 3	Lesson no. 7 to 9
Term-2	Lesson no. 1 to 12
Pre-Board	Lesson no. 1 to 12

CLASS : XII**SUBJECT : ACCOUNTANCY**

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

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

CLASS : XII**SUBJECT : BUSINESS STUDIES**

PRESCRIBED BOOK : N.C.E.R.T

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

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

Syllabus For Evolution :

Cycle Test 1:	Lessons - 1 to 3
Cycle Test 2:	Lessons - 4 to 6
Term 1:	Lessons - 1 to 8
Cycle Test 3:	Lessons - 9 ,10, 12
Term 2:	Entire Syllabus
Pre Board:	Entire Syllabus

CLASS : XII**SUBJECT : ECONOMICS**

Prescribed book : Micro and Macro Economics- C.B.Sachdeva

Month	Lesson No.	Lesson name
March	6	National Income & its aggregates
April	6	National Income & its aggregates (Contd.)
	8	Determination of income & employment
May	9	Government Budget & its economy
July	7	Money & Banking
	10	Balance of Payment
	1	Introduction
August	2	Consumer Behavior & Demand
September	-	Revision
October	3	Producer Behavior & Supply
November	4	Forms of Market & Price Determination Under Perfect Competition

Syllabus for Evaluation:

Cycle Test 1 :	Lesson 6, 8 & 9
CycleTest 2 :	Lesson 1,2,7 & 10
Term 1:	Lesson 1,2 & 6 to 10
Cycle Test 3 :	
Term 2 :	Lesson 1 to10
Pre-board	Lesson 1 to 10

CLASS : XII**SUBJECT : HISTORY**

Prescribed Book : Themes in Indian History – Part 1, 2 & 3 (NCERT)

Month	Lesson No.	Lesson Name
April	1	BRICKS BEADS & BONES : The Harappan Civilization
	2	KINGS, FARMERS & TOWNS : Early States and Economies (C600 BCE-600CE)
	3	KINSHIP, CASTE & CLASS - Early societies(i.e 600 BCE-600CE)
May	4	THINKERS BELIEFS & BUILDINGS - Cultural Developments(600BCE-600CE)
	PART-II 5	THROUGH THE EYES OF TRAVELLERS (10th - 17th Cent)
	6	BHAKTI-SUFI TRADITIONS (8th -18th cent).
July	7	IMPERIAL CAPITAL : VIJAY NAGAR (14th - 16th Cent)
	8	PEASANTS, ZAMINDARS & THE STATE(16th -17th Cent)
	9	KINGS & CHRONICLES (16th -17th Cent)
August	PART-III 10	COLONIALISM & THE COUNTRYSIDE
	11	REBELS AND THE RAJ
	12	COLONIAL CITIES : Urbanisation, Planning & Architecture(18th -19th Cent)
September	13	MAHATMA GANDHI & THE NATIONALIST MOVEMENT
October	14	UNDERSTANDING PARTITION
	15	FRAMING THE CONSTITUTION
November	N.A.	REVISION

Syllabus for Evaluation:

Cycle Test 1:	Lesson 1 to 4 (Ist Book)
Cycle Test 2:	Lesson 5 to 9 (IInd Book)
Term 1:	Lessons 1 to 9 (Ist & IInd Book)
Cycle Test 3:	Lesson 10 to 15 (IIIrd Book)
Term 2 :	Entire Syllabus

CLASS : XII**SUBJECT : POLITICAL SCIENCE**

Prescribed Books : Contemporary World Politics (Part-1)

Politics in India Since Independence (Part II)

Contemporary World Politics (Part-I):-

Month	Lesson No.	Lesson Name
April	1	The Cold War Era
	2	The End of Bipolarity
	3	US Hegemony in World Politics
	4	Alternative Centers of Power
May	5	Contemporary South Asia
	6	International Organisation
	7	Security in the Contemporary World
July	8	Environment and Natural Resources
	9	Globalisation
		Politics In India Since Independence (Part II) :-
	1	Challenges of Nation Building
	2	Era of One-Party Dominance

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

August	3	Politics of Planned Development
	4	India's External Relations
September	5	Challenges to and Restoration of the Congress System
	6	The Crisis of Democratic Order
October	7	Rise of Popular Movement
	8	Regional Aspirations
November	9	Recent Development in Indian Politics

Syllabus for Evaluation:

Cycle Test - 1	Contemporary World Politics (Part-1) Lessons 1 to 5
Cycle Test - 2	Contemporary World Politics (Part-1) Lessons 6 to 9
Term-1	Contemporary World Politics (Part-1) Lessons 1 to 9 Politics In India Since Independence (Part II) Lesson 1 to 2
Cycle Test - 3	Politics In India Since Independence (Part II) Lesson 3 to 6
Term-2	Entire Syllabus

Month	Topics
April-May	<u>Ancient India-</u> Harappan Civilization, Maurya Empire, Gupta Empire, Major Dynasties in North and South India, Textual evidences of ancient India. <u>Ancient World:</u> Civilization of MEsopotamia, Babylon, Egypt, Inca, Current events and National & International Importance.
July	<u>Medieval India:</u> Sultanate period and Mughal Empire, Advent of Europeans in India, major dynasties of North and South India during Medieval Period. Travellers during Medieval period. Religious and Social reform movement, Current events and National & International Importance.
August & September	<u>Modern India:</u> European Settlements in India, colonization of India by Britishers (British occupation) Major governor Generals and Viceroy's their policies, Revolt of 1857 Sangam Age, Major Acts passed by Britishers, Religious and Social Reforms, Growth of communalism and Partition of India. Current events and National & International importance
October	General issues on environmental ecology, Biodiversity, Climate change. International economic Institutions & environmental movements. Current events and National & International importance
November	General Science, Astronomy, Computer technology, Defence technology, communication technology. Current events and National & International importance
December	<u>India and World Geography-</u> Physical, social & economic geography. Current events and National & International importance

CLASS : XII

SUBJECT : GENERAL KNOWLEDGE

Month	Topics
January	<u>Indian Polity and Governance</u> - Constitution, local self-Government, Public Policy, Rights issues, International migration policies. Current events and National & International importance
February	

GK Evaluation Schedule

G.K. Test 1	15 th May 2017	All questions covered in class.
G.K. Test 2	4 th Aug. 2017	All questions covered in class.
G.K. Test 3	4 th Sept. 2017	All questions covered in class.
G.K. Test 4	10 th Nov. 2017	All questions covered in class.
G.K. Test 5	20 th Dec. 2017	All questions covered in class.
G.K. Test 6	12 th Feb. 2017	All questions covered in class.

CLASS : XII**LIBRARY SYSTEMS AND RESOURCE MANAGEMENT**

Prescribed Book : CBSE Resource Material

Month	Lesson No.	Lesson Name
April	1	Library Governance, Security , Finance and budget
May	2	Infrastructure of Library –Physical Infrastructure, Library space, Computing infrastructure
July	3	Acquisition –Policies, type of materials-books, non-book, Non –print, digit selection criteria, methods of acquisition (traditional, online),accessioning, record maintenance.
August	4	Serial Management-Policies, Selection criteria, methods of subscription and procurement, e-journals (continued....)
September	4 &5	Binding of periodicals, access to back volumes of e-journals, record maintenance. Circulation –policies, issue/return systems , reservation.
October	6	Storage and Maintenance –Binding, Preservation- Electronic preservation, Inventory control, stock verification and Weedingout

Syllabus for Evaluation:

Cycle Test 1	Lesson : 1 &2
Cycle Test 2	Lesson : 3
Term 1	Unit 1 to 3
Cycle Test 3	Lesson : 4 & 5
Term 2	Entire Syllabus
Pre-Board	Entire Syllabus

CLASS : XII INFORMATION STORAGE AND RETRIEVAL THEORY

Month	Lesson No.	Lesson Name
April	1	Library Automation: Need, Planning And Implementation. In-House Operations: Acquisition, Cataloguing, Circulation, Serial Control, OPAC/WebOPAC.
May	2	Library Software Packages. Networking: Intranet, Internet, LAN, WAN, Library Networks.
July	3	E-Resources: Full Text Databases, Bibliographic Data Bases, E-Books, E-Journals, Subject Gateways.
	4	Retrieval Point: - Field Based Search, Full text Search
August	4	Retrieval Point (Cont.....) General Search, Different Types Of Search Techniques, Advanced Search, Logic Based Search.
September	5	Web Tools And Techniques: - Promotion Of Library Services Through Web And Web Portal.
October	5	Web Tools (Cont.....) Web 2.0/ Library 2.0- Blogs, RSS, Wikis, Podcast, Vodcast, E-Mail, Instant Messaging, Mobile Technology, IPod, Ipad, Book Kindle, Web 3.0/ Library 3.0.
November		Revision

Syllabus for Evaluation:

Cycle Test 1	Lesson 1 & 2
Cycle Test 2	Lesson 3 & 4
Term 1	Lessons 1 to 4
Cycle Test 3	Lesson 5
Term 2	Lessons 1 to 5
Pre-Board	Entire Syllabus

CLASS : XII**SUBJECT : MATHEMATICS**

Prescribed Book: NCERT

Month	Lesson No.	Lesson Name
March	1	Relations and Functions
	2	Inverse Trigonometric Function
April	3	Matrices
	4	Determinants
	5	Continuity and Differentiability
May	6	Applications of Derivative
July	7	Integrals
August	8	Applications of the Integrals
	9	Differential Equations
October	10	Vectors
	11	Three - dimensional Geometry
November	12	Linear Programming
	13	Probability
		Revision

Syllabus for Evaluation:

Cycle Test 1	Lesson 1 to 6
Cycle Test 2	Lesson (5,6,7,8,9)
Term 1	Lesson 1 to 9
Cycle Test 3	Lesson 6,7,8,9,10,11
Term 2	Lesson 1 to 13

CLASS : XII**SUBJECT : GEOGRAPHY**

Prescribed Books: N.C.E.R.T

Book: Fundamentals of Human Geography, India: People and Economy

Month	Lesson No	Lesson Name
April		<u>Fundamentals of Human Geography</u>
	1	Nature and scope
	2	World Population
	3	Population Composition
	4	Human Development
May	5	Primary Activities
	6	Secondary Activities
	7	Tertiary and Quaternary Activities
July	8	Transport and Communication
	9	International Trade
	10	Human Settlement
		<u>India: People and Economy</u>
	1	Population: Distribution, Density, Growth and Composition
	2	Migration
August	3	Human Development
	4	Human Settlements
	5	Land and Agriculture
September	6	Water Resources
	7	Mineral and Energy Resource
	8	Manufacturing Industries
October	9	Planning and Sustainable Development in Indian Context
	10	Transport and Communication
	11	International Trade

CLASS : XII**SUBJECT : PSYCHOLOGY**

Prescribed Books:Psychology NCERT+Supplementary Reading Material-NCERT

Month	Lesson No.	Lesson Name
April	1	Variations in Psychological Attributes
	2	Self and Personality
May	3	Meeting Life Challenges
July	4	Psychological Disorders
	5	Therapeutic Approaches
August	6	Attitude and Social Cognition
September	7	Social Influence and Group Processes
October	8	Psychology and Life
November	9	Developing Psychological Skills

Syllabus for Evaluation:

Cycle Test - 1	Lessons 1 to 3
Cycle Test - 2	Lessons 4 to 6
Term - 1	Lessons 1 to 7
Cycle Test - 3	Lesson 8 & 9
Term -2	Entire Syllabus (Lesson 1-9)
Pre-Board	Entire Syllabus (Lesson 1-9)

CLASS : XII**Evaluation Schedule**

Cycle Test 1 Mon 17 th April Mon 24 th April Mon 01 st May Mon 08 th May Mon 15 th May	Math/IP/Geo./Psy/Lib. Sys. & Res. Mgmt. English Phy./Accts./Hist. Bio./Eco./Comp.Sci./Ph.Ed. Chm./B.St./Pol.Sci./Info. St. & Ret.
Cycle Test 2 Wed 05 th July Mon 10 th July Mon 17 th July Mon 24 th July Mon 31 th July	English Bio./Eco./Comp.Sci./Ph.Ed. Chm./B.St./Pol.Sci./Info. St. & Ret. Math/IP/Geo./Psy/Lib. Sys. & Res. Mgmt. Phy./Accts./Hist.
Term 1 Mon 11 th Sept. Fri 15 th Sept. Tue 19 th Sept. Fri 22 nd Sept. Tue 26 th Sept.	Bio./Eco./Comp.Sci./Ph.Ed. Phy./Accts./Hist. Chm./B.St./Pol.Sci./Info. St. & Ret. English Math/IP/Geo./Psy/Lib. Sys. & Res. Mgmt.
Cycle Test 3 Mon 16 th Oct. Mon 23 rd Oct. Mon 30 th Oct. Mon 06 th Nov. Mon 13 th Nov.	Math/IP/Geo./Psy/Lib. Sys. & Res. Mgmt. Bio./Eco./Comp.Sci./Ph.Ed. English Chm./B.St./Pol.Sci./Info. St. & Ret. Phy./Accts./Hist.
Term 2 Fri 01 st Dec. Mon 04 th Dec. Thur 07 th Dec. Mon 11 th Dec. Fri 15 th Dec.	English Bio./Eco./Comp.Sci./Ph.Ed. Chm./B.St./Pol.Sci./Info. St. & Ret. Math/IP/Geo./Psy/Lib. Sys. & Res. Mgmt. Phy./Accts./Hist.

CLASS : XII**Evaluation Schedule**

Final Tue 16 th Jan. Fri 19 th Jan. Mon 22 nd Jan. Thur 25 th Jan. Mon 29 th Jan.	Phy./ Accts./Hist. English Bio./Eco./Comp.Sci./Ph.Ed. Chm./B.St./Pol.Sci./Info. St. & Ret. Math/IP/Geo./Psy/Lib. Sys. & Res. Mgmt.
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