

**MODERN SCHOOL
SYLLABUS (2023-24)**

CLASS 12 SUBJECT : BUSINESS STUDIES (054)

CHAPTER NO.	NAME OF THE CHAPTER	MONTH	NO OF DAYS	WEIGHTAGE
1.	NATURE AND SIGNIFICANCE OF MANAGEMENT	MARCH	10	
2.	PRINCIPLES OF MANAGEMENT	APRIL	10	
3.	BUSINESS ENVIRONMENT	APRIL	10	16
4.	PLANNING	MAY	12	
5.	ORGANISING	MAY	12	14
6.	STAFFING	JULY	24 & revision for pre mid term)	
7.	DIRECTING	AUG	15	
8.	CONTROLLING	AUG	08	20
11.	MARKETING MANAGEMENT	SEPT.	15	10
	REVISION	HALF YEARLY EXAM		
12.	CONSUMER PROTECTION	OCT	07	05
9.	FINANCIAL MANAGEMNET	OCT	07	
9.	FINANCIAL MANAGEMENT	NOV	14	
10.	FINANCIAL MARKET	NOV	10	15
	TOTAL	154 DAYS		

SYLLABUS

PT1 UNIT 1,2 (MAY)

PRE-MID TERM EXAM UNIT 1,2,3,4,5(JULY)

HALF-YEARLY EXAM UNIT 1,2,3,4,5,6,7,8,11

PRE-BOARD 1 FULL SYLLABUS (DEC)

PRE-BOARD 2 FULL SYLLABUS (JAN)

SYLLABUS for CLASS XII (Chemistry - 043) 2023-24

**BOOK PRESCRIBED: CHEMISTRY A TEXT BOOK FOR CLASS XII Part 1 & 2 (NCERT)
Comprehensive Chemistry Activities-XII Vol-1 & 2 (Laxmi Publications P. Ltd.)**

MONTH	L. No.	CHAPTER/LESSON	WEIGHTAGE
APRIL	1	Solutions	7
	6	Haloalkanes and Haloarenes	6
MAY	6	Haloalkanes and Haloarenes (cont.)	6
	7	Alcohols ,phenols and ethers	
JULY	8	Aldehydes, ketones and carboxylic acids	8
	9	Amines	6
AUGUST	10	Biomolecules	7
	2	Electrochemistry	9
SEPTEMBER	3	Chemical kinetics	7
OCTOBER		Revision and half yearly exam	
NOVEMBER	4	d and f block elements	7
	5	Coordination compounds	7
DECEMBER		REVISION AND PRE BOARD 1 EXAMINATIONS	
JANUARY		REVISION AND PRE BOARD 2 EXAMINATIONS	

Syllabus for UT

UT 1	Ch-1 solutions and ch-6 haloalkanes only
Pre mid term	Ch-1,6,7
Half yearly exam	ch-1,6,7,8,9,10,2,3
Pre-board 1 and 2	Complete syllabus

MODERN SCHOOL

FINAL SYLLABUS (2023-2024)

CLASS:XII

SUBJECT: Entrepreneurship (066)

BOOKS PRESCRIBED: ALL IN ONE by ARIHANT

MONTH	UNIT
March/April	Unit-1 Entrepreneurial Opportunity Unit-2 Entrepreneurial Planning
May	Unit-2 Entrepreneurial Planning (contd.) Unit-3 Enterprise Marketing
July	Unit-3 Enterprise Marketing (contd.)
August	Unit-4 Enterprise Growth Strategies Unit-5 Business Arithmetic
September	Unit -5 Business Arithmetic
October	Project work-1 and revision
November	Unit-6 Resource Mobilisation
December	Project work-2 and revision
PT-1 May 2023	UNIT -1 Entrepreneurial Opportunity
Mid Term Exam, July 2023	UNIT -1 Entrepreneurial Opportunity Unit-2 Entrepreneurial Planning
Half- Yearly(October 2023)	UNIT -1 Entrepreneurial Opportunity Unit-2 Entrepreneurial Planning Unit-3 Enterprise Marketing Unit-4 Enterprise Growth Strategies
Pre-Borad -1 (December -2023)	Complete syllabus
Pre-Borad -2(January -2024)	Complete syllabus

DELETED SYLLABUS

UNIT	DELETED TOPIC
Unit-3 Enterprise Marketing	<ul style="list-style-type: none">● Negotiation● Customer Relationship● Vendor Management
Unit-4 Enterprise Growth Strategies	<ul style="list-style-type: none">● Reasons for failure of mergers and acquisitions.
Unit-6 Resource Mobilisation	<ul style="list-style-type: none">● SEBI● Secondary Market and importance.



Modern School
Syllabus 2023-2024 (Final)

Class: XII Subject: Accountancy

Book prescribed: 1) Accounting for Partnership Firm: Vol 1 (Part A)
2) Accounting for Companies: Vol 2 (Part A)
3) Analysis of Financial Statements: (Part B)

Author/ Publication: T.S. Grewal/ Sultan Chand & Sons (P) Ltd.

Month-wise Syllabus

Month	Unit No.	Chapter Title
March/April	1	<u>Accounting for Partnership firm</u> <ul style="list-style-type: none">● Fundamental● Goodwill: Nature and Valuation
May	1	<u>Reconstitution of Partnership firm</u> <ul style="list-style-type: none">● Change in profit sharing ratio● Admission of a Partner
July	2	<ul style="list-style-type: none">● Accounting for Companies: Issue of Share Capital, Forfeiture and reissue of share, Disclosure of Share Capital in Company Balance Sheet.
August	3	<ul style="list-style-type: none">● Financial Statement of a Company● Financial Statement Analysis● Tools for financial statement- Comparative Statement & Common Size Statements● Accounting Ratios
September	1	<ul style="list-style-type: none">● Retirement and Death of a Partner● Dissolution of Partnership firm
October		Project Work and Revision Work Half Yearly Exam
November	2 4	<ul style="list-style-type: none">● Issue of Debenture● Cash Flow Statement
December		Project Work and Revision Work

PT 1 May 2023	1	<u>Accounting for Partnership firm</u> Fundamental Goodwill: Nature and Valuation
Mid-Term Exam July 2023	1	<u>Accounting for Partnership firm</u> Fundamental Goodwill: Nature and Valuation <u>Reconstitution of Partnership firm</u> Change in profit sharing ratio Admission of a Partner
Half Yearly Sep. 2023		Syllabus done up-to September 2023
Pre-Board 1 Dec. 2023		Complete Syllabus
Pre-Board 2 Jan. 2024		Complete Syllabus

CHANGES IN SYLLABUS FOR 2023-24 for Class XII

Book 1 - Partnership

1. NPO - Deleted
2. Goodwill - Raising & writing off goodwill introduced
3. Change in PSR, Admission & Retirement - Balance sheet & capital adjustment included
4. Retirement - Retiring Partner Loan a/c included.
5. Death - Deceased Partner Capital Account included, Executor A/c included
6. Dissolution - If realised value not given then taken as Book value for tangible asset and Nil for intangible assets

Book 2 - Company

Redemption of debentures deleted

Book 3 – Analysis

Comparative and Common Size Financial Statement included
Ratio - Three new ratios included (Debt to Capital Employed, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio)

Ajay Kumar Suryavanshi

Updated By: Ramesh Jhamb

Modern School
Syllabus 2023-2024
Class XII Subject: Mathematics
Book Prescribed : Mathematics by M . L. Aggarwal
Month-wise Syllabus

Month	Chapter Number	Chapter Title
March	1	Relations and Functions
April	2	Inverse Trigonometric Functions
	3	Matrices
	4	Determinants
May	5	Continuity and Differentiability
	6	Applications of Derivatives
July	7	Integrals
August	8	Applications of the Integrals
	9	Differential Equations
September		Revision & Half yearly Exams
October	10	Vectors
	11	Three – dimensional Geometry
November	12	Linear Programming
	13	Probability

UT1: Chapters (1-4) (Relation & Function, Inverse Trigonometric Function, Matrices & Determinants)

Pre Mid Term: Chapters 1-6

Half Yearly Exams: Chapters 1 to 9

Pre-Board1 & 2: 100% Syllabus



Modern School
Syllabus 2023-2024
Class: XII Subject: PHYSICS
Book prescribed: Physics Text Book –I, II NCERT
Month-wise Syllabus

Month	Unit No.	Chapter Title
March	Unit 1	Electrostatics: Ch-1- Electric charges and fields
April	Unit 1	Electrostatics continued Ch-2: Electrostatic potential and Capacitance
	Unit 2	Ch-3 Current electricity
May	Unit 3	Ch-3 Current electricity continued Magnetic effect of current :
		Ch-4 moving Charges and Magnetism
		Ch-5 Magnetism and Matter
July	Unit 4	Electromagnetic Induction and alternating current
		Ch-6 EMI
		Ch-7 AC
August	Unit 5	Ch-8 Electromagnetic waves
	Unit 6	Optics Ch-9 Ray optics and optical instruments
September	Unit 6	Ch-10 Wave optics
		Revision
October	Unit 7	Half Yearly Exam
		Ch-11 Dual nature of radiation and matter
November	Unit 8	Atoms and nuclei
		Ch-12 Atoms
	Unit 9	Ch -13 Nuclei Ch-14 Electronic devices
December		Revision And Preboard Exam 1
January		Revision And Preboard Exam 2

Syllabus Of UTs And Exams.

UT 1	May	U- 1 Electrostatics
Pre mid term	July	U- 1,2,3
Half Yearly Exam.	October	U- 1,2,3,4,5,6
Pre-board Exams		Full syllabus

Modern School, Faridabad
Syllabus 2023-24
Class: XI I
Subject: POLITICAL SCIENCE

Month	Unit No.	Chapters
March	1	The End of Bipolarity
April	2	New Centers of Power
	3	Challenges of Nation
May	4	South Asia and contemporary world
	5	Planning and Development
July	6	United Nations and it's Organizations
	7	India's Foreign policy
August	8	Security in contemporary world
	9	Democratic Resurgence
September	10	Democratic Resurgence Continued...
	11	Environment and Natural Resources
		Revision Half Yearly Exam
October	12	Party and party systems in India
November	13	Globalization
	14	Indian politics: Trends and Development
December		Revision
January		PB 1 Revision
February		PB 2 Revision

PT 1: Syllabus Chapter 1&2

Mid Term Exam : chapter 3 , 4, and 5

Half Yearly Syllabus - Chapter 1 to 10

PB 1: Syllabus Chapter 1 to 14

PB 2: Complete syllabus

Deleted chapter: Cold War Era

Prepared By: - Sonika Chaudhary

Modern School, Faridabad
Syllabus 2023-24
Class: XI I
Subject: POLITICAL SCIENCE

Month	Unit No.	Chapters
March	1	The End of Bipolarity
April	2	New Centers of Power
	3	Challenges of Nation
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December		Revision
January		PB 1 Revision
February		PB 2 Revision

PT 1: Syllabus Chapter 1&2

Mid Term Exam : chapter 3 , 4, and 5

Half Yearly Syllabus - Chapter 1 to 10

PB 1: Syllabus Chapter 1 to 14

PB 2: Complete syllabus

Deleted chapter: Cold War Era

Prepared By: - Sonika Chaudhary



MODERN SCHOOL

CLASS – XII SUBJECT - INFORMATICS PRACTICES

Book prescribed: Informatics Practices with Python (Author: Preeti Arora)

Publication: Sultan Chand and Sons

Month-wise Syllabus (2023-2024)

Month	Chapter No.	Chapter (Title)
MARCH		Revision of Python Operators, Statements, and Selection & Iteration Constructs. Introduction to Python libraries- Pandas
APRIL	1	DATA HANDLING USING PANDAS –I Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series. Creation of series from ndarray, dictionary, scalar value; mathematical operations on series, attributes, head and tail functions; selection, indexing and slicing, Modifying / Removing elements from Series Data structures in Pandas - Data Frames: Creation of data frames from dictionary of series, list of dictionaries / Lists. Attributes of a DF. Retrieving / Accessing Rows / Columns from DF add / modify / remove/ retrieve rows / columns in a DF
MAY	1	DATA HANDLING USING PANDAS –I (1.11.4 - 1.25) Renaming Columns, rename, Head and Tail functions, indexing using labels, Boolean indexing. Iterations in DF, Binary Operations, Missing data / filling values. CSV files Reading / Writing (Importing/Exporting Data between CSV files and Data Frames.)
JULY	3	Data Visualization using Matplotlib Data Visualization Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots. PROJECT DISTRIBUTION & EXPLANATION
AUGUST	6 Supplement	Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology Revision of DBMS and SQL commands class XI
September	4	Math Functions: POWER (), ROUND (), MOD (). Text Functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID() / SUBSTRING ()/ SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR(), DAY (), DAYNAME ().
October		Revision & Term I Exams Syllabus Lesson 1,3,6, Revision of DBMS and SQL commands class XI

November	5	<p>Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*).</p> <p>Querying and manipulating data using Group by, Having, Order by.</p> <p>Working with two tables using equi-join.</p> <p>Computer Networks:</p> <p>Introduction to networks, Types of network: PAN, LAN, MAN, WAN.</p> <p>Network Devices: modem, hub, switch, repeater, router, gateway</p> <p>Network Topologies: Star, Bus, Tree, Mesh.</p> <p>Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP.</p> <p>Website: Introduction, difference between a website and webpage, static vs. dynamic web page, web server and hosting of a website.</p> <p>Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies</p>
December		Project Submission , Revision - PreBoard I
January		Revision - PreBoard II

PT-I : Lesson 1 – Data Handling using Pandas – I Section 1.1 – Section 1.20 [25-05-2023]

Mid Term Examination: Lesson 1 – Data Handling using Pandas – I Section 1.1 – Section 1.25

Half Yearly Examination: Lesson 1,3,6, Revision of DBMS and SQL commands class XI

Pre-Board I Complete Syllabus Lesson 1-6

Pre-Board II Complete Syllabus Lesson 1-6

Anu Sharma



Modern School Faridabad

Syllabus 2023-2024

Class: XI

Subject: Home Science

Book prescribed: PREMIER HOME SCIENCE (Part 1 & 2) by LovelyWadhwa,PushpaBalyan,Ira Bhalla
Publication: PREMIER PUBLICATIONS

Month Wise Syllabus HOME SCIENCE

MONTH	CHAPTER	CHAPTER TITLE
April	CHAPTER 1	INTRODUCTION TO HOME SCIENCE
	CHAPTER 2(a)	UNDERSTANDING THE SELF
May	CHAPTER2(b)	UNDERSTANDING THE SELF
	CHAPTER2(c)	UNDERSTANDING THE SELF
	CHAPTER 3	FOOD, NUTRITION, HEALTH AND FITNESS
July	CHAPTER 4	MANAGEMENT OF RESOURCES
	CHAPTER 5	FABRIC AROUND US
August	CHAPTER10 (a)	NUTRITION, HEALTH AND HYGIENE
	CHAPTER 10 (b)	RESOURCES , MANAGEMENT AND AVAILABILITY
September	CHAPTER 10 (c)	TEXTILE TRADITIONS IN INDIA
		REVISION
October	CHAPTER 12	NUTRITION, HEALTH AND WELL BEING
November	CHAPTER 14	OUR APPAREL
	CHAPTER 6	MEDIA AND COMMUNICATION TECHNOLOGY

December	CHAPTER 16	FINANCIAL MANAGEMENT AND PLANNING
	CHAPTER 17	CARE AND MAINTENANCE OF FABRICS
January		REVISION
February		REVISION

DELETED SYLLABUS

CHAPTER 7 EFFECTIVE COMMUNICATION SKILLS

CHAPTER 8 RELATIONSHIPS AND INTERACTIONS

CHAPTER 9 SURVIVAL GROWTH AND DEVELOPMENT

CHAPTER 11 CARE AND EDUCATION

CHAPTER 13 HEALTH AND WELLNESS

CHAPTER 15 PERSPECTIVES IN COMMUNICATION

CHAPTER 18 INDIVIDUAL RESPONSIBILITIES AND RIGHTS

SYLLABUS FOR P.T.1 CHAPTER 1,3

SYLLABUS FOR HALF YEARLY EXAMS CHAPTER 1, 2,3,4,5,10 (a,b,c)

P.T 2 Chapter 4,5

PT 3 Chapter 12, 14

PT 4 Chapter 6,16

Annual (Feb.) Full Syllabus

Prepared By: Seema Aggarwal

Modern School Faridabad
Syllabus 2023-2024
Class: XII
Subject: Home Science

Book prescribed: PREMIER HOME SCIENCE (Part 1 & 2) by LovelyWadhwa,PushpaBalyan,Ira Bhalla
 Publication: PREMIER PUBLICATIONS

Month Wise Syllabus HOME SCIENCE

MONTH	CHAPTER	CHAPTER TITLE
March	1	Work,Livelihood and Career
April	2	Clinical Nutrition and Dietetics
	3	Public Health and nutrition
May	5	Food Processing and Technology
	6	Food Quality and Food Safety
July	7	Early childhood care and education
	9	Management of Support services, institutions and program for children, Youth and elderly
August	10	Design for fabric and apparel
	11	Fashion design and merchandising
	13	Care and maintenance of fabrics in instiutions
September	15	Hospitality Management
	16	Consumer education and Protection
October	17	Development communication and journalism
November		Revision
December		Revision
January		Revision
February		Revision

Syllabus For PT 1 Ch-2,3
 Mid Term (July) Ch- 1,2,3 5, 6
 Half Yearly (Oct) Ch-1,2,2,5,6,7,9,10,11,13,15,16

Pre board 1 (Nov) Full Syllabus

Pre board 2 (Dec.) Full Syllabus

Prepared by Seema Aggarwal

ENGLISH CLASS XII

**BOOKS PRESCRIBED: Flamingo (NCERT), Vistas Supplementary
Reader(NCERT), BBC Compacta**

MONTH	BOOKS	Poetry/Prose/Writing	No. of days
March	Writing Flamingo	*Introduction *Notice Writing *The Last Lesson	02 03 05
April	Flamingo Vistas	*The Last Lesson(to be continued) *My Mother at Sixty-Six *The Tiger King *The Third Level	02 05 07 06
May	Flamingo Vistas Writing	*Deep Water *The Rattrap *The Enemy *Article Writing *Lost spring	05 08 08 03 05
July	Flamingo Vistas Writing	*Indigo *Journey to the end of the earth *Invitations and Replies *A Thing of Beauty	08 04 07 05
August	Flamingo Writing	*Poets and Pancakes *Going places *Keeping Quiet *Report Writing *Letter Writing	06 06 04 05 02
September	Writing Flamingo	*Letter Writing (To be Contd.) *The Interview	02 05 05
October	Revision Vistas	*On the Face of it *Memories of Childhood	Half Yearly Exams..... 05 05

November	Flamingo DELETED	*Aunt Jennifer's Tigers *A Roadside Stand REVISION Reading: Note making Writing: Advertisement, Poster, Speech, Debate Writing. Literature: Elementary school classroom in a slum(poem) Ch. Should wizard hit mommy(vistas) Ch. Evans tries an O-level.(Vistas)	04 05
	INTERNAL ASSESSMENT	Assessment of Listening Skills-5 marks Assessment of Speaking Skills-5 marks Project Work -10 Marks	

PT 1- Notice Writing, The Last Lesson, My Mother At Sixty Six

Third Level, Tiger King

Mid Term: Syllabus covered upto the month of May

Half Yearly: Syllabus covered upto the month of September

P.B. 1- Complete Syllabus from March to November (full Syllabus)

P.B. 2- Complete Syllabus from March to November(full Syllabus)

MODERN SCHOOL NOIDA
MONTH -WISE SYLLABUS(2023-24)
CLASS -12TH
SUBJECT -ECONOMICS

BOOK PRESCRIBED 1.Introductory Macro Economics

Indian Economic Development By Sandeep Garg (DhanpatRai Publications)

MONTH(S)	NAME OF UNIT	NAME OF CHAPTER
MARCH	Money & Banking	5. Money
		6. Banking
APRIL	Govt. Budget	10. Govt. Budget
	Foreign exchange rate & Balance of payment	11. Foreign exchange rate
		12. Balance of payment
	Development experience (1947-1990) & Economic reforms since 1991	1.Indian economy on the eve of independence
MAY	A) Development experience (1947-1990) & Economic Reforms since 1991	2.Indian Economy (1950 - 1990)
		3. Liberalisation, Privatisation & globalisation
JULY	Current challenges facing Indian Economy	4. Human Capital Formation
		5. Rural Development
	National Income & Related Aggregates	1. Circular flow of Income 2. Basic concepts of Macro Economics
AUGUST	National Income & Related Aggregates	3. National Income & related aggregates 4.Measurement of National Income
	Current challenges facing Indian Economy	6. Employment Growth ,informalisation and other issue
SEPTEMBER	Current challenges facing indian economy	7.Environment and Sustainable Development.
OCTOBER & NOVEMBER	Development experiences of India -A comparison with neighbours China,India & Pakistan	8. Comparative Development Experiences of India and its neighbour
	Determination of Income & Employment	7. Aggregate demand & related concepts
		8. Income determination & Multiplier
		9.Excess and deficient demand
DECEMBER		Revision for 1st Preboard
JANUARY		Revision for 2nd Preboard

PT 1	Macro Economics Ch 5,6,10
Mid term test	Macro Economics Ch 5,6,10,11,12 Indian economic development Ch1,2,3
Half yearly	Macro Economics Ch 1,2,3,4 5,6,10,11,12 Indian economic development Ch1,2,3,4,5,6,7
Pre board 1	Full syllabus
Pre board 2	Full syllabus

Name of the teacher :Ms Renu Bala.Ms Kavita Anchalia



Modern School Faridabad

Syllabus 2023-24

Class: XII Subject: Applied Mathematics

Book prescribed:

Publication: Applied Mathematics by M.L.Aggarwal (Part 1 and Part 2)

Month-wise Syllabus

Month	Chapter No.	Chapter Title
MARCH	3	Matrices
APRIL	4	Determinants
	1	Numbers, Quantification and Numerical Application
	2	Numerical Inequalities
MAY	5	Differentiation
	6	Application of Derivatives
JULY	7	Integrals
	8	Differential Equations
AUGUST	9	Probability Distribution
SEPTEMBER		Revision & Half yearly Examination
OCTOBER	10 11 12	Inferential Statistics Index Number & Time Series Perpetuity, Sinking Funds, and EMI
NOVEMBER	14	Returns Growth and Depreciation
	15	Linear Programming
UT 1 SYLLABUS	Chapter 1,2,3 and 4	
MID TERM SYLLABUS	Chapters 1 to 6	
HALF YEARLY SYLLABUS	Chapter 1,2,3,4,5,6, 7,8,9	
PRE-BOARD SYLLABUS	FULL (100%)	



Modern School Faridabad
Syllabus 2022-2023
Class: XII Subject: Psychology

Book prescribed: Psychology (NCERT)
Publication: CBSE

Month-wise Syllabus

Month	Chapter No.	Chapter Title
MARCH	1	Intelligence and aptitude (Contd.)
APRIL	1 2	Intelligence and aptitude Self and Personality
MAY	3	Human strengths and meeting life challenges
JULY	4	Psychological disorders
AUGUST	5 6	Therapeutic approaches Attitude and Social Cognition
SEPTEMBER		Revision for half yearly exams (L 1—5)
OCTOBER	7	Social influence and group processes
NOVEMBER		PRACTICALS & REVISION WORK FOR P. B-1
DECEMBER		REVISION WORK for P.B
JANUARY		Pre Board
FEBRUARY		Pre Board
PROPOSED SYLLABUS FOR UTs *		
UT 1	L – 1	
Half Yearly	L – 1 to 5	
P.B --1	Complete Syllabus	
P.B --2	Complete Syllabus	

Prepared by
Mona Suneja



Modern School Faridabad
Syllabus 2023-2024
Class: XII Subject: History

Book prescribed:

- PART – I: Themes in Indian History (L-1 to 4) (NCERT)
- PART – II: Medieval India (L-5 to 9) (NCERT)
- PART – III: Modern India (L-10 to 15) (NCERT)

Publication: CBSE

Month-wise Syllabus

Month	Chapter No.	Chapter Title
MARCH	1	Bricks, Beads and Bones
APRIL	2 3 4	Kings , Farmers and Towns Kinship ,Caste and Class Thinkers , Beliefs and Buildings
MAY	5 6	Through the eyes of travellers Bhakti - Sufi movements
JULY	7 8	*JULY EXAMINATION + An imperial capital – Vijaynagara Peasants, Zamindars and the State
AUGUST	10 11	Colonialism and the countryside Rebels and the Raj
SEPTEMBER	13	Mahatma Gandhi and the Nationalist Movement Revision for half yearly exams
OCTOBER	15	Making of the constitution
NOVEMBER		PROJECT WORK + REVISION
DECEMBER		Pre Board
JANUARY		Pre Board

DELETED SYLLABUS

LESSON-9	Kings and the Chronicles
LESSON-12	Colonial cities
LESSON-14	Partition through oral resources

***SYLLABUS FOR EXAMINATION**

UT 1	-	L- 1 , 2 + MAP WORK
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July Examination	L- 1,2,3,4,5,6, + Map Work
Half YEARLY	L- 1,2,3,4,5,6,7,8 + Map Work
P.B-1	Complete Syllabus
P.B-2	Complete Syllabus

Prepared by: Mona Suneja

MODERN SCHOOL, SEC-17, FARIDABAD
CLASS – XII (SCIENCE)

SYLLABUS PLANNER
SUBJECT -BIOLOGY
SESSION-(2023-24)

S.N O	MONTH	UNIT	CHAPTER NAME
1.	APRIL	-VI	1. SEXUAL REPRODUCTION IN FLOWERING PLANTS 2.HUMAN REPRODUCTION
2.	MAY	VI VII	3.REPRODUCTIVE HEALTH 4.PRINCIPLES OF INHERITANCE AND VARIATIONS
3.	JULY	VII	5. MOLECULAR BASIS OF INHERITANCE 6. EVOLUTION
4	AUGUST	VIII IX	7. HUMAN HEALTH AND DISEASE 8.MICROBES IN HUMAN WELFARE 9. BIOTECHNOLOGY: PRINCIPLES AND PROCESSES
5.	SEPTEMBER		REVISION & HALF YEARLY EXAM
6	OCTOBER	IX X	10. BIOTECHNOLOGY AND ITS APPLICATION 11.ORGANISM AND POPULATION 12. ECOSYSTEM
7	NOVEMBER	X	13. BIODIVERSITY AND CONSERVATION
8	DECEMBER		REVISION & PREBOARD EXAM
9	JANUARY		REVISION & PREBOARD EXAM

SYLLABUS FOR EXAMINATION

PT-1 1. SEXUAL REPRODUCTION IN FLOWERING PLANTS

MID TERM EXAM

- 1. SEXUAL REPRODUCTION IN FLOWERING PLANTS
- 2. HUMAN REPRODUCTION
- 3. REPRODUCTIVE HEALTH

PT-2

- 4 PRINCIPLES OF INHERITANCE AND VARIATIONS
- 5. MOLECULAR BASIS OF INHERITANCE

HALF YEARLY EXAM 5. MOLECULAR BASIS OF INHERITANCE

6. EVOLUTION 7. HUMAN HEALTH AND DISEASE

+ SYLLABUS COVERED IN PT-1 & PT-2

PREBOARD-1 &2 COMPLETE SYLLABUS

PRACTICALS

Time allowed : 3 Hrs

M.M-30

EVALUATION SCHEME		MARKS
One major experiment	5	5
One minor experiment	2&3	4
Slide preparation	1&4	5
Spotting		7
Practical record+Viva Voce		4
Investigatory project +Viva Voce		5
Total		30

A. LIST OF EXPERIMENTS

- 1.prepare a temporary mount to observe pollen germination.
- 2.study the plant population density by quadrat method.
- 3.study the plant population frequency by quadrat method.
- 4.prepare a temporary mount of onion root tip to study mitosis.
- 5.isolation of DNA from available plant material such as spinach, green pea seeds, papaya, etc.

B. STUDY AND OBSERVE THE FOLLOWING (SPOTTING):

1. Flowers adapted to pollination by different agencies (wind, insects, birds).
2. Pollen germination on stigma through a permanent slide or scanning electron micrograph.
3. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).
4. Meiosis in onion bud cell or grasshopper testis through permanent slides.
5. T.S. of blastula through permanent slides (Mammalian).
6. Mendelian inheritance using seeds of different colour/sizes of any plant.
7. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.
8. Controlled pollination - emasculation, tagging and bagging.
9. Common disease causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.
10. Models specimen showing symbiotic association in root modules of leguminous plants, Cuscuta on host, lichens.
- 11.Flash cards models showing examples of homologous and analogous organs.