

Maharshi Patanjali Vidya Mandir Prayagraj



Session: 2026-2027
Syllabus Breakup
Class: XII

Subject –English

Month	Topics to be covered
April	The Last Lesson (F) My Mother at Sixty Six (F) Lost Spring (F)
May-June	Deep Water (F) The Third Level (V) Tiger King (V) Notice Writing (AWS)
July	The Rattrap (F) Keeping Quiet (F) Journey to the End of the Earth (V)
August	Invitations- Formal/Informal Invitation (AWS) Replies to Invitation (AWS) Indigo (F) Poets and Pancakes (F)
September	The Interview (F) A Thing of Beauty (F) The Enemy (V) ASL (Both Listening and Speaking)
October	A Roadside Stand (F) Job Application with bio-data (AWS) Report Writing (AWS) Letter to the Editor (AWS) Article Writing (AWS)
November	Going Places (F) Aunt Jennifer' s Tigers (F) On the Face of It (V) Memories of Childhood (V)
December	English Project Work & Art Integration + Viva Voce Revision & Discussion of Board Papers

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Unit Test I	Half Yearly Examination	Pre Board Examination
Flamingo-1,2,3 Poem-1 Vistas-1,2 AWS- Notice Writing	Syllabus of Unit Test 1 and Flamingo 4,5,6,7 Poem-3,4 Vistas-3,4 AWS- Invitations and Replies	Entire Syllabus

1ST UNIT TEST: ALL CHAPTERS & AWS COMPLETED TILL May

HALF- YEARLY EXAM: EVERYTHING COMPLETED TILL SEPTEMBER

PRE- BOARDS: THE ENTIRE SYLLABUS

Abbreviations Used

(F) = Flamingo

(V) = Vistas

(AWS) = Advanced Writing Skills

Subject –Standard Mathematics

Month	Topics to be covered
April	Matrices & Determinants
	Adjoint & Inverse of a Matrix
	Solution of System of Linear Equations
May-June	Relations and Functions
July	Inverse Trigonometric Functions
	Continuity and Differentiability
	Differentiation
August	Application of Derivatives-Rate of Change of Quantities
	Increasing, Decreasing Functions, Maxima and Minima
	Indefinite Integration
September	Definite Integration and its properties
October	Vector Algebra except scalar triple product.
	Area Enclosed by Curves
	Differential Equations

November	Probability
	Three-D Geometry
	Linear Programming

Unit Test I	Half Yearly Examination	Pre Board Examination
Chapters covered from April to May	Chapters covered from April to August	Whole Syllabus

Subject –Applied Mathematics

Month	Topics to be covered
April	Matrices & Determinants
	Inverse of a Matrix
	Solution of system of simultaneous equations
May-June	Numbers ,Quantification & Numerical Applications.
July	Calculus (Differentiation and its applications)
August	Maxima and Minima , Increasing/Decreasing Functions
	Indefinite Integration
September	Definite Integrals , Area under the curve
October	Application of Integration
	Differential Equations and its applications
	Inferential Statistics
	Index Numbers and Time Based Data
November	Probability Distribution
	Financial Mathematics
	Linear Programming

Unit Test I	Half Yearly Examination	Pre Board Examination
Chapters covered from April to May	Chapters covered from April to August	Whole Syllabus

Subject: Physics

Month	Topics to be covered
April	Electrostatics (Introduction to force and field) Electrostatics Chapter-1: Electric Charges and Fields
May-june	Chapter-2: Electrostatic Potential and Capacitance
July	Chapter-2: Electrostatic Potential and Capacitance (continued) Unit II: Current Electricity (Chapter 3)
August	Unit II: Current Electricity (continued) Unit III: Magnetic Effects of Current and Magnetism Chapter-4: Moving Charges and Magnetism Chapter-5: Magnetism and Matter Unit IV: Electromagnetic Induction and Alternating Currents Chapter-6: Electromagnetic Induction
September	Chapter-7: Alternating Current Chapter-8: Electromagnetic Waves Unit VI: Optics Chapter-9: Ray Optics and Optical Instruments
October	Ray Optics (continued) and wave optics Chapter-10: Wave Optics Unit VII: Dual Nature of Radiation and Matter Chapter-11: Dual Nature of Radiation and Matter Unit VIII: Atoms and Nuclei Chapter-12: Atoms Chapter-13: Nuclei
November	Chapter-14: Semiconductor Electronics:

Unit Test I	Half Yearly Examination	Pre Board Examination
Unit-I Electrostatics Chapter-1: Electric Charges and Fields Chapter-2: Electrostatic Potential and Capacitance	Unit I- Electrostatics, Unit-II Current Electricity Chapter-3: Current Electricity Unit-III Magnetic Effects of Current and Magnetism Chapter-4: Moving Charges and Magnetism Chapter-5: Magnetism and Matter Unit-IV Electromagnetic Induction and Alternating Currents Chapter-6: Electromagnetic Induction Chapter-7: Alternating Current .	Entire CBSE curriculum of Physics (2026-27)

Physics Practical -

Till - Half Yearly

Section - A

1. Sonometer: To find the frequency of AC mains with a sonometer
2. Half Deflection : To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.
3. Metre Bridge: To find resistance of a given wire / standard resistor using metre bridge
4. Ohm's law: To determine resistivity of two / three wires by plotting a graph for potential difference versus current.

Section - B

Till Pre Broad

1. Glass Prism: To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
2. Convex Lens (u-v method): To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.
3. Refractive Index of Unknown Liquid : To find the refractive index of a liquid using a concave mirror and a plane mirror.
- 4 Combination of Convex Mirror with Convex Lens: To find the focal length of a convex mirror, using a convex lens.

Subject: Chemistry

Month	Topics to be covered
April	Solutions, Electrochemistry
May-June	Chemical Kinetics
July	Biomolecules, Haloalkanes and haloarenes.
August	Alcohols, Phenol and ether
September	Aldehydes, Ketones and Carboxylic Acids ,Organic compounds containing Nitrogen
October	Organic compounds containing Nitrogen (continued)
November	d and f-block elements, Coordination compounds

Unit Test I	Half Yearly Examination	Pre Board Examination
1-Solutions 2-Electrochemistry	1- Solutions 2- Electrochemistry 3- Chemical Kinetics 4- Biomolecules 5- Halo -alkanes and Haloarenes 6- Alcohol, Phenols and ethers.	Complete Syllabus as per CBSE curriculum 2026-27

Chemistry Practical

Ist Term – 1. Salt Analysis - Test for Cations and anions

2. Core – Experiments –

- To prepare double salt
- To Identify carbohydrate, fats and proteins in a given food – stuff.
- To prepare a colloidal sol of starch
- To separate the coloured components present in the black ink by paper chromatography and compare R_f value.
- To prepare a sample of Iodoform
- To detect the presence of functional group in a given organic sample.

IInd Term –

Preparation of standard solution of Mohr's salt and oxalic acid and determination of molarity of unknown KMnO₄ solution.

Subject- Biology

Month	Topics to be covered
April	Unit X- Ecology
May-June	Organisms and Population Ecosystem Biodiversity and conservation Evolution
July	Unit VII-Genetics and Evolution Principles of Inheritance and Variations
August	Molecular Basis of Inheritance Unit VIII- Biology in Human Welfare Human Health and Disease
September	Revision Microbes in Human Welfare

October	Unit VI- Reproduction Sexual Reproduction in Flowering Plants Human Reproduction Reproductive health
November	Unit IX- Biotechnology Biotechnology: Principles and Processes Biotechnology and its Applications

Unit Test I	Half Yearly	Pre board Examination
Organisms and Population, Ecosystem, Biodiversity and conservation	Organisms and Population, Ecosystem, Biodiversity and conservation, Evolution, Principles of Inheritance and Variations, Molecular Basis of Inheritance	All chapters

Art integration: Charts or model (Topic - Human health and diseases)

Practicals-

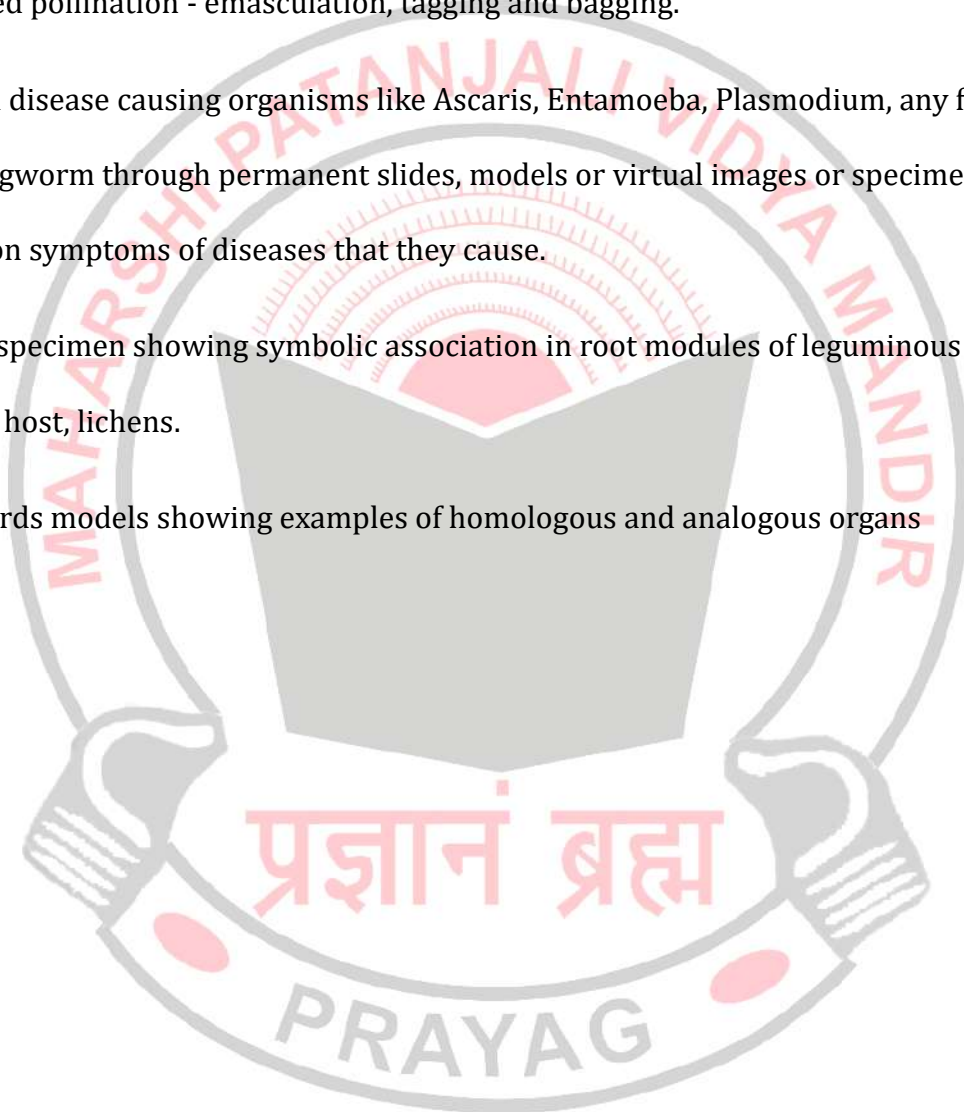
List of Experiments

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. Isolate 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 nodules of leguminous plants, Cuscuta on host, lichens.
11. Flash cards models showing examples of homologous and analogous organs



Subject –Informatics Practices

MONTH	CHAPTER	TOPICS
APRIL	Unit 1: Data Handling using Pandas -I	Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing. Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames
MAY-JUNE		
JULY	Unit 1: 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.
AUGUST	Unit 2: Database Query using SQL	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 (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join
SEPTEMBER	Unit 3: Introduction to Computer Networks	Introduction to networks, Types of network: LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.
OCTOBER		
NOVEMBER	Unit 4: 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, hack ing, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management.

		Awareness about health concerns related to the usage of technology.
DECEMBER	PROJECT WORK.	

Unit Test I	Half Yearly Examination	Pre-Board Examination
Data handling using Pandas	Data handling using Pandas, Data Visualization	Data handling using Pandas, Data Visualization, Database Query using SQL, Introduction to Computer Networks, Societal Impacts

MONTH	UNIT	CHAPTER
APRIL - SEPTEMBER	UNIT-1, UNIT-2	☞ Data Handling using Pandas ☞ Data Visualization ☞ Database Query using SQL
OCTOBER- DECEMBER	UNIT -2, UNIT-3 & UNIT-4	☞ Introduction to Computer Networks ☞ Societal Impacts

MONTH	LIST OF PRACTICALS
APRIL-SEPTEMBER	(A) Data Handling: 1) Create a panda's series from a dictionary of values and a ndarray 2) Given a Series, print all the elements that are above the 75th percentile. 3) Create a Data Frame quarterly sales where each row contains the item category, item name, and expenditure. Group the rows by the category and print the total expenditure per category. 4) Create a data frame for examination result and display row labels, column labels data types of each column and the dimensions 5) Filter out rows based on different criteria such as duplicate rows. 6) Importing and exporting data between pandas and CSV file
	(B) Visualization: 1) Given the school result data, analyses the performance of the students on different parameters, eg. subject wise or class wise. 2) For the Data frames created above, analyze, and plot appropriate charts with title and legend. 3) Take data of your interest from an open source (e.g. data.gov.in), aggregate and summarize it. Then plot it using different plotting functions of the Matplotlib library.
OCTOBER-NOVEMBER	(C) Data Management : 1) Create a student table with the student id, name, and marks as attributes where the student id is the primary key. 2) Insert the details of a new student in the above table. 3) Delete the details of a student in the above table. 4) Use the select command to get the details of the students with marks more than 80. 5) Find the min, max, sum, and average of the marks in a student marks table. 6) Find the total number of customers from each country in the table (customer ID, customer Name, country) using group by. 7) Write a SQL query to order the (student ID, marks) table in descending order of the marks.

Subject –Computer Science

MONTH	CHAPTER	TOPICS
APRIL	REVISION OF PYTHON BASICS	REVISION OF PYTHON TOPICS COVERED IN CLASS XI.
	TEXT FILE HANDLING	INTRODUCTION TO FILES, TYPES OF FILES (TEXT FILE, BINARY FILE, CSV FILE), RELATIVE AND ABSOLUTE PATHS TEXT FILE: OPENING A TEXT FILE, TEXT FILE OPEN MODES (R, R+, W, W+, A, A+), CLOSING A TEXT FILE, OPENING A FILE USING WITH CLAUSE, WRITING/APPENDING DATA TO A TEXT FILE USING WRITE() AND WRITELINES(), READING FROM A TEXT FILE USING READ(), READLINE() AND READLINES(), SEEK AND TELL METHODS, MANIPULATION OF DATA IN A TEXT FILE
MAY-JUNE	BINARY FILE HANDLING	BASIC OPERATIONS ON A BINARY FILE: OPEN USING FILE OPEN MODES (RB, RB+, WB, WB+, AB, AB+), CLOSE A BINARY FILE, IMPORT PICKLE MODULE, DUMP() AND LOAD() METHOD, READ, WRITE/CREATE, SEARCH, APPEND AND UPDATE OPERATIONS IN A BINARY FILE
JULY	EXCEPTION HANDLING	INTRODUCTION, HANDLING EXCEPTIONS USING TRY-EXCEPT-FINALLY BLOCKS
	CSV FILE HANDLING	IMPORT CSV MODULE, OPEN / CLOSE CSV FILE, WRITE INTO A CSV FILE USING WRITER(),WRITEROW(),WRITEROWS() AND READ FROM A CSV FILE USING READER()
AUGUST	FUNCTIONS	TYPES OF FUNCTION (BUILT-IN FUNCTIONS, FUNCTIONS DEFINED IN MODULE, USER DEFINED FUNCTIONS), CREATING USER DEFINED FUNCTION, ARGUMENTS AND PARAMETERS, DEFAULT PARAMETERS, POSITIONAL PARAMETERS, FUNCTION RETURNING VALUE(S), FLOW OF EXECUTION, SCOPE OF A VARIABLE (GLOBAL SCOPE, LOCAL SCOPE)
SEPTEMBER	DATA STRUCTURE	STACK, OPERATIONS ON STACK (PUSH & POP), IMPLEMENTATION OF STACK USING LIST.
	DATABASE CONCEPTS	INTRODUCTION TO DATABASE CONCEPTS AND ITS NEED

OCTOBER	RELATIONAL DATA MODEL, STRUCTURED QUERY LANGUAGE – PART II	RELATION, ATTRIBUTE, TUPLE, DOMAIN, DEGREE, CARDINALITY, KEYS (CANDIDATE KEY, PRIMARY KEY, ALTERNATE KEY, FOREIGN KEY) , INSERT, DELETE, SELECT, OPERATORS (MATHEMATICAL, RELATIONAL AND LOGICAL), ALIASING, DISTINCT CLAUSE, WHERE CLAUSE, IN, BETWEEN, ORDER BY
	INTERFACE OF PYTHON WITH AN SQL DATABASE.	CONNECTING SQL WITH PYTHON, PERFORMING INSERT, UPDATE, DELETE QUERIES USING CURSOR, DISPLAY DATA BY USING CONNECT(), CURSOR(), EXECUTE(), COMMIT(), FETCHONE(), FETCHALL(), ROWCOUNT, CREATING DATABASE CONNECTIVITY APPLICATIONS, USE OF %S FORMAT SPECIFIER OR FORMAT() TO PERFORM QUERIES
NOVEMBER	STRUCTURED QUERY LANGUAGE – PART I	DATA DEFINITION LANGUAGE AND DATA MANIPULATION LANGUAGE, DATA TYPE (CHAR(N), VARCHAR(N), INT, FLOAT, DATE), CONSTRAINTS (NOT NULL, UNIQUE, PRIMARY KEY), CREATE DATABASE, USE DATABASE, SHOW DATABASES, DROP DATABASE, SHOW TABLES, CREATE TABLE, DESCRIBE TABLE, ALTER TABLE (ADD AND REMOVE AN ATTRIBUTE, ADD AND REMOVE PRIMARY KEY), DROP TABLE
	STRUCTURED QUERY LANGUAGE – PART II	MEANING OF NULL, IS NULL, IS NOT NULL, LIKE, UPDATE COMMAND, DELETE COMMAND, AGGREGATE FUNCTIONS (MAX, MIN, AVG, SUM, COUNT), GROUP BY, HAVING CLAUSE, JOINS: CARTESIAN PRODUCT ON TWO TABLES, EQUI-JOIN AND NATURAL JOIN
	EVOLUTION OF NETWORKING	INTRODUCTION TO COMPUTER NETWORKS, EVOLUTION OF NETWORKING (ARPANET, NSFNET, INTERNET)
	DATA COMMUNICATION TERMINOLOGIES	CONCEPT OF COMMUNICATION, COMPONENTS OF DATA COMMUNICATION (SENDER, RECEIVER, MESSAGE, COMMUNICATION MEDIA, PROTOCOLS), MEASURING CAPACITY OF COMMUNICATION MEDIA (BANDWIDTH, DATA TRANSFER RATE), IP ADDRESS, SWITCHING TECHNIQUES (CIRCUIT SWITCHING, PACKET SWITCHING)
	TRANSMISSION MEDIA	WIRED COMMUNICATION MEDIA (TWISTED PAIR CABLE, CO-AXIAL CABLE, FIBER-OPTIC CABLE), WIRELESS MEDIA (RADIO WAVES, MICRO WAVES, INFRARED WAVES)
	NETWORK DEVICES	MODEM, ETHERNET CARD, RJ45, REPEATER, HUB, SWITCH, ROUTER, GATEWAY, WIFI CARD

	NETWORK TOPOLOGIES AND NETWORK TYPES	TYPES OF NETWORKS (PAN, LAN, MAN, WAN), NETWORKING TOPOLOGIES (BUS, STAR, TREE)
	NETWORK PROTOCOL	HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VOIP
	INTRODUCTION TO WEB SERVICES:	WWW, HYPER TEXT MARKUP LANGUAGE (HTML), EXTENSIBLE MARKUP LANGUAGE (XML), DOMAIN NAMES, URL, WEBSITE, WEB BROWSER, WEB SERVERS, WEB HOSTING
	FINAL PROJECT	
Unit Test I	REVISION OF PYTHON BASICS, TEXT FILE HANDLING	
HALF YEARLY EXAMINATION	REVISION OF PYTHON BASICS, TEXT FILE HANDLING, BINARY FILE HANDLING, CSV FILE HANDLING, EXCEPTION HANDLING, FUNCTIONS, DATA STRUCTURE	
PREBOARD EXAMINATION	WHOLE SYLLABUS	

MONTH	CHAPTER
APRIL - SEPTEMBER	• REVISION OF PYTHON BASICS • TEXT FILE HANDLING • BINARY FILE HANDLING • CSV FILE HANDLING • EXCEPTION HANDLING • FUNCTIONS • DATA STRUCTURES
OCTOBER - DECEMBER	• STRUCTURED QUERY LANGUAGE – PART I • STRUCTURED QUERY LANGUAGE – PART II • INTERFACE OF PYTHON WITH AN SQL DATABASE.

MONTH	Topics	PRACTICAL
APRIL	PYTHON PROGRAMMING	1. Read a text file line by line and display each word separated by a #. 2. Read a text file and display the number of vowels/consonants/uppercase/lowercase characters in the file.

MAY-JUNE		3. Remove all the lines that contain the character 'a' in a file and write it to another file. 4. Create a binary file with name and roll number. Search for a given roll number and display the name, if not found display appropriate message. 5. Create a binary file with roll number, name and marks. Input a roll number and update the marks. 6. Create a CSV file by entering user-id and password, read and search the password for given user-id. 7. Write a random number generator that generates random numbers between 1 and 6 (simulates a dice). 8. Write a Python program to implement a Stack using list.
JULY		
AUGUST		
SEPTEMBER		
OCTOBER	DATABASE MANAGEMENT	1. Create a student table and insert data. Implement the following SQL commands on the student table: • ALTER table to add new attributes / modify data type / drop attribute • UPDATE table to modify data • ORDER BY to display data in ascending / descending order • DELETE to remove tuple(s) • GROUP BY and find the min, max, sum, count and average 2. Similar exercise for other cases. 3. Integrate SQL with Python by importing suitable module.
NOVEMBER		
DECEMBER	FINAL PROJECT	

Subject – Biotechnology

Month	Topics to be covered
April	Recombinant DNA technology
May-June	Microbial culture and application
July	Plant cell culture and application
August	Genomics and bioinformatics
September	Revision+ Introduction of Animal cell culture and applications
October	Animal cell culture, Protein structure and engineering
November	Protein structure and engineering (contd.....)

Practicals:

1. Use of special equipments in biotechnology experiments
2. Isolation of DNA from plant material.
3. Preparation of media.
4. Dilution of soil samples.
5. Pouring of media, spreading and streaking of sample on media.
6. Cell viability assay
7. Gram staining.
8. Computer based all practicals.
 - a. Studying DNA sequence comparing proteins using GenBank.
 - b. Compositional analysis
 - c. Motif analysis
 - d. Complementary sequence
 - e. Gen Bank

Unit Test I	Half Yearly	Preboard Examination
Recombinant DNA technology	Microbial culture, plant cell culture, Recombinant DNA technology	All chapters

Subject - Hindi

Month	Topics to be covered
April	गद्य- भक्तिन पद्य- आत्म परिचय व्याकरण - प्रिंट माध्यम और उसके विविध प्रकार
May-June	गद्य- बाजार दर्शन पद्य-एक गीत वितान-सिल्वर वैडिंग व्याकरण- विभिन्न माध्यमों के लिए रचनात्मक लेखन
July	गद्य- काले मेघा पानी दे पद्य-पतंग ,कविता के बहाने वितान -जूझ

	व्याकरण- पत्र लेखन
August	गद्य- पहलवान की ढोलक पद्य- बात सीधी थी पर ,कैमरे में बंद अपाहिज व्याकरण- पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया
September	गद्य शिरीष के फूल पद्य-उषा ,बादल राग व्याकरण -रेडियो नाटक, कविता, नाट्य रूपांतरण, कहानी, अप्रत्याशित विषयों पर आधारित लेखन, आलेख लेखन,फीचर लेखन।
October	गद्य - श्रम विभाजन और जाति प्रथा , मेरी कल्पना का आदर्श समाज पद्य- कवितावली ,लक्ष्मण मूर्छा और राम का विलाप वितान -अतीत में दबे पांव , व्याकरण-विशेष लेखन - स्वरूप और प्रकार,रचनात्मक लेखन का अभ्यास
November	गद्य-रूबाइयां,मेरी कल्पना का आदर्श समाज पद्य - छोटा मेरा खेत ,बगुलों के पंख व्याकरण - सभी पाठों की पुनरावृत्ति
December	- पढ़ाए गए समस्त पाठों की पुनरावृत्ति ।

Unit Test I	Half Yearly Examination	Pre Board Examination
प्रथम इकाई परीक्षा गद्य -1 पद्य -1,2 व्याकरण- 3	अर्धवार्षिक परीक्षा गद्य-1,2,3,4 पद्य -1,2,3,4,5,6 वितान-1,2 व्याकरण-3,4,5,11अपठित गद्यांश एवं पद्यांश।	सम्पूर्ण पाठ्यक्रम

क्रियाकलाप

त्वरित भाषण, कविता वाचन एवं वाद-विवाद

परियोजना कार्य

हिंदी कविता में प्रकृति चित्रण, लेखक, कवि, साहित्य एवं विभिन्न सामाजिक विषयों पर आधारित फाइल वर्क एवं साक्षात्कार।

Subject – Legal Studies

MONTH	CHAPTERS/Topics to be covered
April-May	Unit 3: - Business Laws Chapter 3(A): - Law of Contract Chapter 3(B): - Law of Tort Chapter 3(C): - Law of Property
June-July	Unit 3: Chapter 3(D) – Intellectual Property Law Unit 1: - Judiciary
	Unit 2: - Alternative Dispute Resolution
August	Unit 4: Chapter 4(A): - Law and Sustainable Development Chapter 4(B): - Forms of Legal Entities Chapter 4(C): - Criminal Laws in India
September	Unit 5: - Concept of Human Rights Chapter 5(A): - Human Rights in India Chapter 5(B): - Human Rights violations- Complaint Mechanism (Quasi-Judicial Bodies)
October	Unit 6: International Law Unit 7: -Legal Profession in India
November	Unit 8: Legal Services
December	Revision of Entire Syllabus
Unit Test I	Unit 3: Chapter 1 & Chapter 2
Half Yearly Exam	Unit 3: - Chapter 3(C) Chapter 3(D) Unit 1: - Entire Unit Unit 2: - Entire Unit Unit 4: - All Chapters
Pre-Boards	Entire syllabus

Project topics to be given to each student in the class itself.

Topics related to the syllabus.

Subject – Psychology

April	Variations in Psychological Attributes
	Intelligence
	Psychological Test-1
May-June	Self and Personality
	Psychological Test -2
July	Meeting Life Challenges
	Psychological Test -3
August	Psychological Disorders
	Psychological Test -4
September	Therapeutic Approaches
	Psychological Test - 5
October	Attitude and Social Cognition
	Case Study
November	Social Influence
	Group Processes
	Art Integrated Project
December	Revision for Pre Board -1

Unit Test I	Chapters covered from April to May
Half Yearly Examination	Chapters covered from April to August
Pre-Board Examination	Whole Syllabus

Subject –Economics

MONTH	BOOK	CHAPTERS
April	Macroeconomics	1) Introduction To Macroeconomics 2) Circular Flow Of income 3) Measurement of N.I.
May-June	Indian Economic Development	1) Introduction to Indian Economy 2) Five Year Plans
	Macroeconomics	3) Measurement Of N.I Continued.

July	Macroeconomics	4) Money Meaning and supply of money, currency held by the public and net demand deposits held by commercial banks. Money creation. 5) Banking Central bank and its functions. Commercial Banks Role and functions.
July	Indian Economic Development	3 Growth and development of Agriculture, Industry and foreign trade 4) Economic reforms since 1991
PERIODIC ASSESSMENT-1 (JULY)	MACROECONOMICS	CHAPTERS 1-3
	INDIAN ECONOMIC DEVELOPMENT	CHAPTERS 1-2
August	Indian Economic Development	5) Rural Development 6) Human Capital formation
August-September	Macroeconomics	6) Determination of Income And Employment
HALF YEARLY EXAMINATION (September-October)	MACROECONOMICS	CHAPTERS 1-5
	INDIAN ECONOMIC DEVELOPMENT	CHAPTERS 1-6
October	Indian Economic Development	7) Employment & Unemployment.
October	Macroeconomics	7) Government Budget
	Project Work in Economics	
November	Indian Economic Development	8) Environment and Sustainable Development 9) Meaning, effects of economic development on resources and

		environment including global warming 10) Development Experience Of India with neighbours
November	Macroeconomics	8) Balance Of Trade And Payments Meaning and components 9) Foreign exchange rate – meaning of fixed and flexible rates and managed floating . Practice Questions of Last Year CBSE Papers.

Unit Test I	HALF YEARLY	PRE-BOARD 1	PRE-BOARD 2
Macro Chapters 1 to 3 Indian Eco Chapters 1&2	Macro Chapters 1 to 5 Indian Eco Chapters 1 to 6	MACRO Full Syllabus Indian Eco Full Syllabus	MACRO Full Syllabus Indian Eco Full Syllabus

Subject –Physical Education

Month	Topics to be covered
April	Unit: I - Management of sporting events
May	Unit: II - Children and women in sports
June - July	Unit: III - Yoga as preventive measure for lifestyle disease Unit: IV -Physical education and sports for CWNS (children with Special needs- divyang)
August	Unit: V - Sports and nutrition Unit: VI -Test and measurement in sports
September	Unit: VII -Physiology and injuries in sports Unit: VIII - Biomechanics and sports
October	Unit: IX- Psychology and sports
November	Unit: X - Training in sports
December	Unit- I to Unit- X Revision classes

Unit Test I	Half Yearly	Pre board Examination
Unit- I management of sporting events Unit-II children and women in sports	Unit- III yoga as a preventive measure for lifestyle disease Unit - IV physical education and sports for cwsn Unit-V sports and nutrition Unit- VI test and measurement in sports Unit- I and Unit - II also	All chapters of Unit- I to Unit- X

Subject- History

MONTH	BOOK	CHAPTERS
April	1	1. Bricks, Beads, and Bones
May-June	1	2. Kings, Farmers, and Towns
	1	3. Kingship, Caste and class
July	1	4. Thinkers, Beliefs and buildings
	2	5. Through the eyes of Travellers
August	2	6. Bhakti-Sufi Traditions
August	2	7. An Imperial Capital: Vijayanagar
September	2	8. Peasants, Zamindars and the Sate
October		9. Colonialism and the countryside 10. Rebels and the Raj
PROJECT WORK - Any topic related to the syllabus and Art Integration - Any topic related to the syllabus		
November	3	11. Mahatma Gandhi and the National Movement 12. Framing the constitution
Unit Test I	11	CHAPTER-1 Chap 1
HALF YEARLY EXAMINATION		CHAPTERS 1-7
DECEMBER (1 st PRE BOARD)		FULL SYLLABUS
JANUARY (2 nd PRE BOARD)		FULL SYLLABUS

Subject – SEWA

April	Mental Health Matters: Breaking the Silence”
May	Or Fitness for All: Promoting Healthy Living in My Community
June-July	Outdoor Photography (conceptual) with one page writeup
August	Paper Envelope
September	Poster Design
October	
November	Newspaper Made Product Best out of Waste Painting.
January February	Sewa form n work submission

Subject- BUSINESS STUDIES

Month	Topics to be covered
April-May	1.Nature & Significance of management 2.Principles of management
June- July	2. Principles of management (Cont.) 3..Business Environment 4.Planning
August	5.Staffing 6.Organising 7.Directing
September	1.Controlling 2. Financial Management
October	1.Financial Market 2.Marketing management
November	3.Consumer Protection Project Work

Unit Test 1- Topics covered in April-May

Half yearly - Topics covered till August

Preboard Examination - Whole syllabus

Subject- ACCOUNTANCY

Month	Topics to be covered
April-May	1.Accounting for Partnership Firm 2.Goodwill-Nature & Valuation 3.Admission of a partner
June-July	4.Retirement of a partner 5.Death of a partner
August	6.Dissolution of Partnership 7.Change in profit sharing ratio
September	8.Financial statement 9.Balance sheet of Companies 10.compartive Statement
October	11.Ratio Analysis 12.Cash flow statement
November	13. Company Accounts Shares and Debentures

Unit Test 1- Topics covered in April-May

Half yearly - Topics covered till August

Preboard Examination - Whole syllabus

