

**VISHWA BHARATI PUBLIC SCHOOL , GREATER NOIDA**

**SYLLABUS CLASS :XII (2024-25)**

**SUBJECT- ENGLISH CORE**

**TEXTBOOK PRESCRIBED-**

1. ENGLISH READER- FLAMINGO
2. SUPPLEMENTARY READER- VISTAS

<b>MONTH</b>	<b>CHAPTER /BOOK /MAIN SKILL</b>	<b>UNIT/TOPIC</b>
<b>APRIL</b>	FLAMINGO  VISTAS  WRITING SKILL	<ul style="list-style-type: none"><li>● THE LAST LESSON BY ALPHONSE DAUDET</li><li>● MY MOTHER AT SIXTY SIX(POEM)</li><li>● THE THIRD LEVEL</li><li>● LETTER TO EDITOR</li></ul>
<b>MAY</b>	FLAMINGO  VISTAS  WRITING  SKILLS	<ul style="list-style-type: none"><li>● LOST SPRING</li><li>● DEEP WATER</li> <li>● JOURNEY TO THE END OF THE EARTH.</li> <li>● NOTICE WRITING</li></ul>
<b>JULY</b>	FLAMINGO  VISTAS  WRITING  SKILLS	<ul style="list-style-type: none"><li>● KEEPING QUIET(POEM)</li><li>● THE RAT TRAP</li> <li>● THE ENEMY</li> <li>● INVITATION WRITING/REPLIES FORMAL INVITATION, INFORMAL INVITATION</li></ul>

<b>AUGUST</b>	<p>FLAMINGO VISTAS</p> <p>VISTAS</p> <p>WRITING</p> <p>SKILLS</p>	<ul style="list-style-type: none"> <li>● A THING OF BEAUTY(POEM)</li> <li>● INDIGO</li> <li>● POETS AND PANCAKES</li> <li>● THE ROADSIDE STAND(POEM)</li> <li>●</li> <li>● ON THE FACE OF IT</li> <li>● JOB APPLICATION</li> <li>● ARTICLE WRITING</li> </ul>
<b>SEP</b>	<p>FLAMINGO</p> <p>VISTAS</p> <p>WRITING SKILLS</p>	<ul style="list-style-type: none"> <li>● THE INTERVIEW</li> <li>● AUNT JENNIFER’S TIGERS(POEM)</li> <li>● THE INTERVIEW</li> <li>● REPORT WRITING</li> <li>● SCHOOL MAGAZINE AND NEWSPAPER</li> </ul>
<b>OCT</b>	<p>FLAMINGO</p> <p>REVISION</p>	<ul style="list-style-type: none"> <li>● MEMORIES OF CHILDHOOD</li> </ul> <p>PRE BOARD 1</p>
<b>NOV</b>	<p>REVISION</p>	<p>PRE BOARD II</p>

**SUBJECT: MATHS**

**TEXT BOOK PRESCRIBED:**

1. NCERT MATHS,
2. EXEMPLAR PROBLEMS IN MATHS

MONTH	CHAPTER	SUB TOPIC
APRIL	<p><b>Chapter- 3 Matrices</b></p> <p><b>Chapter- 4 Determinant</b></p> <p><b>Chapter - 1 Relations and Functions</b></p>	<p>Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operations on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Noncommutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).</p> <p>Determinant of a square matrix (up to 3 x 3 matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.</p>
MAY	<p><b>Chapter -2 Inverse Trigonometric functions</b></p> <p><b>Chapter- 5 Continuity and Differentiability</b></p>	<p>Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions.</p> <p>Continuity and differentiability, chain rule, derivative of inverse trigonometric functions, <i>like</i> <math>\sin^{-1}x</math>, <math>\cos^{-1}x</math> and <math>\tan^{-1}x</math>, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in</p>
JULY	<p><b>Chapter – 6 Applications of Derivatives</b></p>	<p>Applications of derivatives: rate of change of quantities, increasing/decreasing functions, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real life</p>

<b>JULY</b>	<b>Chapter-7 Integrals</b>	Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problems based on them. Fundamental Theorem of Calculus (without
<b>AUG</b>	<b>Chapter- 8 Applications of Integrals</b>  <b>Chapter- 9 Differential Equations</b>  <b>Chapter -10 Vectors</b>	Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only).  Definition, order and degree, general and particular solutions of a differential equation. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation.  Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical
<b>SEP</b>	<b>Chapter- 11 3-D Geometry</b>  <b>Chapter- 12 Linear –Programming</b>  <b>Chapter- 13 Probability</b>	Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, skew lines, shortest distance between two lines. Angle between two lines.  Introduction, related terminology such as constraints, objective function, optimization, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).  Conditional probability, multiplication theorem on probability, independent events, total probability,
<b>OCT</b>		<b>PRE – BOARD 1</b>

## SUBJECT: ECONOMICS

### TEXTBOOK PRESCRIBED-

1. Introductory Macroeconomics-NCERT
2. Indian Economic Development- NCERT
3. Introductory Macroeconomics- Sandeep Garg
4. Indian Economic Development- Sandeep Garg

MONTH	CHAPTER\UNIT	SUBUNIT\TOPIC
April	INDIAN ECONOMIC DEVELOPMENT  UNIT 1 (Development Experience (1947-90) and Economic Reforms since 1991)	A brief introduction of the state of Indian economy on the eve of independence. Common goals of Five-Year Plans. Main features, problems, and policies of agriculture (institutional aspects and new agricultural strategy, etc.), industry (IPR 1956; SSI – role & importance) and foreign trade. Economic Reforms since 1991: Features and appraisals of liberalization, globalization, and privatization (LPG policy); Concepts of demonetization and GST.
May	National Income and Related Aggregates	What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation.  Circular flow of income (two sector model); Methods of calculating National Income-Value Added or Product method, Expenditure method, Income method. Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP. GDP Deflator, GDP and Welfare
July	Current challenges facing Indian Economy	Human Capital Formation: How people become resource; Role of human capital in economic development, Growth of Education Sector in India.  Rural development: Key issues -credit and marketing - role of cooperatives; agricultural diversification; alternative farming -organic farming  Employment: Growth and changes in work force participation rate in formal and informal growth; problems and policies.  Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming.
August	Money and Banking	Money -meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks. Money creation by the commercial



### 3. Practical Work in Geography – Part 2

Month	Chapter	Unit/Subunits
April	<p>Population: Distribution, Density, Growth and Composition <b>(India People and Economy)</b></p> <p>Human Geography- Nature and Scope <b>(Fundamentals of Human Geography)</b></p> <p><b>Human Settlements ((India People and Economy)</b></p> <p><b>The World Population : Distribution, Density and Growth (Fundamentals of Human Geography)</b></p>	<p>Population: distribution, density and growth; composition of population - linguistic, religious groups, gender, rural-urban and occupational-regional variations in growth of population</p> <p>Nature, Environmental determinism, Possibilism. Fields and sub-fields of Human Geography</p> <p>Settlement types - rural and urban; morphology of cities (case study); distribution of mega cities; problems of human settlements in developing countries.</p> <p>The World Population : Distribution, Density and Growth <b>(Fundamentals of Human Geography )</b></p>
May	<p>Human Development <b>(Fundamentals of Human Geography)</b></p> <p><b>Primary Activities (Fundamentals of Human Geography)</b></p>	<p>Human development - concept; selected indicators,( Growth and Development, The four pillars of Human developments, Approaches of Human Developments, Measuring Human Developments ) international comparisons</p> <p>Primary activities - concept and changing trends; gathering, pastoral, mining, subsistence agriculture, modern agriculture; people engaged in agricultural and allied activities - some examples from selected countries.</p>

<p>July</p>	<p>Land Resources and Agriculture (<b>India People and Economy</b>)</p> <p>Practical – 2</p> <p>Secondary Activities (<b>Fundamentals of Human Geography</b>)</p> <p><b>Water Resources (India People and Economy)</b></p>	<p>Use, Geographical conditions and distribution of major crops (Wheat, Rice, Tea, Coffee, Cotton, Jute, Sugarcane and Rubber) agricultural development and problems.</p> <p><b>Data processing(calculate Mean ,Median and Mode</b> calculate measures of central tendency</p> <p>Secondary activities-concept; manufacturing: types - household, small scale, large scale; agro based and mineral based industries; people engaged in secondary activities - some examples from selected countries.</p> <p>Water resources-availability and utilization-irrigation, domestic, industrial and other uses; scarcity of water and conservation methods-rain water harvesting and watershed management.</p>
<p>August</p>	<p>Practical</p> <p>Transport and Communication (<b>India People and Economy</b>)</p> <p>Tertiary and Quaternary Activities (<b>Fundamentals of Human Geography</b>)</p>	<p>Representation of data.(To represent data Graphically using different techniques ).Construction of line graph ,bar graph, poly graph, line and bar graph ,multiple bar diagram ,pie diagram. Thematic maps- DOT MAP,CHOROPLETH MAP AND ISOPLETH MAP.</p> <p>Transport and communication-roads, railways, waterways and airways: oil and gas pipelines; Geographical information and communication</p> <p>Tertiary activities-concept; trade, transport and tourism; services; people engaged in tertiary activities - some examples from selected countries.</p> <p>Quaternary activities-concept; people engaged in quaternary activities - case study from selected countries.</p>

September	<p>International Trade <b>(Fundamentals of Human Geography)</b></p> <p>Geographical Perspective on Selected Issues and Problems <b>(India People and Economy)</b></p>	<p>International trade-Bases and changing patterns; ports as gateways of international trade, role of WTO in International trade. Ocean: National rights and international treaties</p> <p>Environmental pollution ,urban waste disposal. Urbanisation ,rural urban migration ,Problems of slums, Land degradation <b>(Maps and Project works as per CBSE guidelines)</b></p>
October	Pre board & Revision	
November	Pre board 2/Revision	

**SUBJECT: COMPUTER SCIENCE (083)**

**TEXTBOOK PRESCRIBED-**

1. PREETI ARORA
2. SUMITA ARORA

<b>MONTH</b>	<b>Unit No/Chapter No</b>	<b>Topic &amp; Subheadings</b>
<b>APRIL</b>	Unit 1: Programming and Computational Thinking (PCT-2) I  Unit III: Database Management	<ul style="list-style-type: none"><li>• Revision of the basics of Python</li><li>• Functions: scope, parameter passing, default parameters, positional parameters, mutable/immutable properties of data objects, pass arrays to functions, return values,</li><li>• flow of execution, scope of a variable (global scope, local scope)</li><li>• Functions Modules: Math, Random, Statistics, String and other general built-in functions.</li><li>• Database concepts: introduction to database concepts and its need</li><li>• Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)</li><li>• Structured Query Language: introduction, 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, insert, delete, select, operators (mathematical, relational and logical), aliasing</li></ul>
<b>MAY</b>	Unit 1: Programming and Computational Thinking (PCT-2)  Unit III: Database Management	<ul style="list-style-type: none"><li>• Exception Handling: Introduction, handling exceptions using try-except-finally blocks</li><li>• Data Structure: Stack, operations on stack (push &amp; pop), implementation of stack using list.</li><li>• Distinct clause, where clause, in, between, order by, 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</li><li>• Interface of python with an SQL database: connecting SQL with Python, performing</li></ul>

		<p>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</p>
<b>JULY</b>	Unit 1: Programming and Computational Thinking (PCT-2)	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Binary file: 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</li> <li>• CSV file: import csv module, open / close csv file, write into a csv file using writer(), writerow(), writerows() and read from a csv file using reader()</li> </ul>
<b>AUGUST</b>	Unit II: Computer Networks	<ul style="list-style-type: none"> <li>• Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)</li> <li>• 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)</li> <li>• Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)</li> <li>• Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)</li> <li>• Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)</li> <li>• Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP</li> <li>• Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting.</li> </ul>

<b>SEPTEMBER</b>	Unit 1: Programming and Computational Thinking (PCT-2)	<ul style="list-style-type: none"><li>• Data Structure: Stack, operations on stack (push &amp; pop), implementation of stack using list.</li></ul>
<b>Project Submission and Revision of Entire syllabus</b>		

**SUBJECT- PHYSICAL EDUCATION**

<b>Month</b>	<b>Unit</b>	<b>Topics</b>
<b>APRIL</b>	<b>UNIT- I MANAGEMENT OF SPORTING EVENTS</b>           <b>UNIT II : CHILDREN &amp; WOMEN IN SPORTS</b>	<ol style="list-style-type: none"><li>1. Functions of Sports Events Management (Planning, Organising, Staffing, Directing &amp; Controlling)</li><li>2. Various Committees &amp; their Responsibilities (pre; during &amp; post)</li><li>3. Fixtures and their Procedures – Knock-Out (Bye &amp; Seeding) &amp; League (Staircase, Cyclic, Tabular method) and Combination tournaments.</li><li>3. Intramural &amp; Extramural tournaments – Meaning, Objectives &amp; Its Significance</li><li>5. Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause &amp; Run for Unity)</li><li>1. Exercise guidelines of WHO for different age groups.</li><li>2. Common postural deformities- knock knees, flat foot, round shoulders, Lordosis, Kyphosis, Scoliosis, and bow legs and their respective corrective measures</li><li>3. Women’s participation in Sports – Physical, Psychological, and social benefits</li><li>4. Special consideration (menarche and menstrual dysfunction)</li><li>5. Female athlete triad (osteoporosis, amenorrhea, eating disorders).</li><li>6. Exercise guidelines of WHO for different age groups.</li></ol>



<p><b>JULY</b></p>	<p><b>UNIT V : Sports &amp; Nutrition</b></p>	<ol style="list-style-type: none"><li>1. Concept of balanced diet and nutrition</li><li>2. Macro and Micro Nutrients: Food sources &amp; functions</li><li>3. Nutritive &amp; Non-Nutritive Components of Diet</li><li>4. Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths</li><li>5. Importance of Diet in Sports-Pre, During and Postcompetition Requirements.</li></ol>
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	<p><b>UNIT VI : TEST &amp; MEASUREMENT IN SPORTS</b></p>	<p>1. Fitness Test – SAI Khelo India Fitness Test in school: Age group 5-8 years/ class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test Age group 9-18yrs/ class 4- 12: BMI, 50mt Speed test, 600mt Run/Walk, Sit &amp; Reach flexibility test, Strength Test (Partial Abdominal Curl Up, PushUps for boys, Modified Push-Ups for girls).</p> <p>2. Measurement of Cardio-Vascular Fitness – Harvard Step Test – Duration of the Exercise in Seconds <math>\times 100/5.5X</math> Pulse count of 1-1.5 Min after Exercise.</p> <p>3. Computing Basal Metabolic Rate (BMR)</p> <p>4. Rikli &amp; Jones - Senior Citizen Fitness Test Chair Stand Test for lower body strength Arm Curl Test for upper body strength Chair Sit &amp; Reach Test for lower body flexibility Back Scratch Test for upper body flexibility Eight Foot Up &amp; Go Test for agility Six-Minute Walk Test for Aerobic Endurance</p> <p>5. Johnsen – Methney Test of Motor Educability (Front Roll, Roll, Jumping Half-Turn, Jumping fullturn)</p>
<p><b>AUG</b></p>	<p><b>UNIT VII : PHYSIOLOGY &amp; INJURIES IN SPORTS</b></p> <p><b>UNIT-VIII Biomechanics and Sports</b></p>	<p>1. Physiological factors determining components of physical fitness</p> <p>2. Effect of exercise on the Muscular System</p> <p>3. Effect of exercise on the Cardio-Respiratory System II</p> <p>4. Physiological changes due to aging</p> <p>5. Sports injuries: Classification (Soft Tissue Injuries -Abrasion, Contusion, Laceration, Incision, Sprain &amp; Strain; Bone &amp; Joint Injuries - Dislocation, Fractures - Green Stick, Comminuted, Transverse Oblique &amp; Impacted)</p> <p>1. Newton’s Law of Motion &amp; its application in sports</p> <p>2. Types of Levers and their application in Sports.</p> <p>3. Equilibrium – Dynamic &amp; Static and Centre of Gravity and its application in sports Unit VIII 3. Equilibrium – Dynamic &amp; Static and Centre of Gravity and its application in sports</p>

		<p>4. Friction &amp; Sports</p> <p>5. Projectile in Sport</p>
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<b>SEP</b>	<b>UNIT- IX Psychology and Sports</b>	<p>1. Personality; its definition &amp; types (Jung Classification &amp; Big Five Theory)</p> <p>2. Motivation, its type &amp; techniques.</p> <p>3. Exercise Adherence: Reasons, Benefits &amp; Strategies for Enhancing it Unit IX &amp; X</p> <p>4. Meaning, Concept &amp; Types of Aggressions in Sports</p> <p>5. Psychological Attributes in Sports – Self-Esteem, Mental Imagery, Self-Talk, Goal Setting</p>
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	<p><b>UNIT-X Training in Sports</b></p>	<p>1. Concept of Talent Identification and Talent Development in Sports</p> <p>2. Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle. Unit X</p> <p>3. Types &amp; Methods to Develop – Strength, Endurance, and Speed.</p> <p>4. Types &amp; Methods to Develop – Flexibility and Coordinative Ability.</p> <p>5. Circuit Training - Introduction &amp; its importance</p>
<p><b>OCT</b></p>	<p><b>• Discussion AND REVISION</b></p>	<p>ASSESSMENT • Reflective questions, Quiz, Exam, practical demonstration</p>



<p><b>AUGUST</b></p>	<p><b>CH- 8 :- Accounting for Companies</b></p> <p><b>CH- 9 :- Accounting for Debentures</b></p>	<p>Accounting for Share Capital</p> <p>Debentures: Meaning, types, Issue of debentures</p>
<p><b>SEP</b></p>	<p><b>Part B: Financial Statement Analysis</b></p> <p><b>CH- 1 &amp; 2 :-</b> Financial statements of a Company and Analysis</p> <p><b>CH- 3 :- Accounting Ratios</b></p>	<p>Financial statements of a Company and Analysis</p> <p>Accounting Ratios</p>
<p><b>OCT</b></p>	<p><b>CH- 4 :- Cash flow Statement</b></p>	<p>Meaning of cash flow and objectives</p> <p>Computation of Cash flow from different Activities.</p>
<p><b>NOV</b></p>	<p><b>Revision</b></p>	

**SUBJECT- BUSINESS STUDIES**

<b>Month</b>	<b>Chapter and Sub-topic</b>	<b>UNIT/TOPIC</b>
<b>APRIL</b>	<b>Ch:-1 Nature and Significance of Management</b>  <b>Ch:-2 Principles of Management</b>	<ul style="list-style-type: none"> <li>- Management - concept, objectives, and importance</li> <li>- Management as Science, Art and Profession</li> <li>- Levels of Management</li> <li>- Coordination- concept and importance</li>   <li>- Principles of Management - concept and significance</li> <li>- Fayol’s principles of management</li> <li>- Taylor’s Scientific management - principles and techniques</li> </ul>
<b>MAY</b>	<b>Ch:-3 Business Environment</b>  <b>Ch:-4 Planning</b>	<ul style="list-style-type: none"> <li>- Business Environment- concept and importance</li> <li>- Dimensions of Business Environment - Economic, Social, Technological, Political and Legal</li> <li>- Demonetization - concept and features</li>   <li>- Planning: Concept, importance and limitation</li> <li>- Planning process</li> </ul> <p>Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme</p>
<b>JULY</b>	<b>Ch:-5 Organising</b>  <b>Ch:-6 Staffing</b>	<ul style="list-style-type: none"> <li>- Organising: Concept and importance</li> <li>- Structure of organisation- functional and divisional concept. Formal and informal organization – concept</li> <li>- Organising Process, Delegation: concept, elements and importance</li> <li>- Decentralization: concept and importance</li> <li>- Staffing: Concept and importance of staffing</li> <li>- Staffing process</li> <li>- Recruitment process, Selection – process</li> </ul> <p>Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training</p>
<b>AUGUST</b>	<b>Ch:-7 Directing</b>	<ul style="list-style-type: none"> <li>- Directing: Concept and importance</li> <li>- Motivation</li> <li>- Leadership</li> </ul>





**Subject: Hindustani Percussion Instruments**

Month	Chapter and sub-topic	Activity
April	Uthan, comparative study of Talas, Edvance Kayda	Practice on Tabla and Padhant on hand
May	History of Tabla, Kayda in Rupak Taal, Gharana- Delhi Banaras, Lucknow	Practice on Tabla and Padhant on hand
July	Laykari, biography of Pt. Kishan maharaj and raja Chhatrapati Singh, Sadharan and chakkardar Tukra in Rupak taal	Practice on Tabla and Padhant on hand
August	Biography of Zakir hussain and guru Purushottam Das, Farmaishi chakkardar, paran in Rupak taal Or Tivra taal	Practice on Tabla and Padhant on hand
September	Gharana- Farrukhabad, Panjab, Ajarada, Rela in Rupak taal	Practice on Tabla and Padhant on hand
October	Damdard tihai and Dadra taal	Practice on Tabla and Padhant on hand
November	Revision	

**SUBJECT: PAINTING (049)**

**TEXTBOOK PRESCRIBED-**

**1. FULLMARKS HISTORY OF INDIAN ART**

<b>MONTH</b>	<b>THEORY (ALL TOPICS)</b>	<b>PRACTICAL</b>
<b>APRIL</b>	<p><b>Unit – I</b> The Rajasthani School of Miniature Painting :</p> <ol style="list-style-type: none"><li>1. Origin and development.</li><li>2. Study of Rajasthan Paintings</li></ol> <p>The Pahari Schools of Miniature Painting:</p> <ol style="list-style-type: none"><li>1. Origin and development.</li><li>2. Study of Pahari Paintings</li></ol> <p>Composition</p>	Composition (national,religious ,cultural, historical andsocial events )
<b>MAY</b>	<p><b>Unit – II</b> The Mughal School ofMiniature paintings :</p> <ol style="list-style-type: none"><li>1. Origin and development.</li><li>2. Study of Mughal paintingsand main features</li></ol>	Nature study (outdoor )
<b>AUG</b>	<p><b>UNIT -- II</b> Deccan School of Miniaturepaintings :</p> <ol style="list-style-type: none"><li>1. Origin and development</li><li>2. Phases of Deccani art</li><li>3. Specialities of the style ofDeccani art.</li><li>4. Study of Deccan paintingsand main features</li></ol>	Composition Fantasy  Object drawing and composition.
	<p><b>Unit –III</b> The Bengal School of Painting and the ModernTrends in Indian Art:</p> <ol style="list-style-type: none"><li>1. Introduction to the Bengal School of Painting</li><li>2. Study of the Paintings of the Bengal School.</li></ol>	

	<p>3. Contribution of Indian Artists in the Struggle for National Freedom Movement</p> <p>4. Evolution of the Indian National Flag</p>	
<b>SEP</b>	<p><b>Unit – IV</b> The Modern Trends in Indian Art:</p> <ol style="list-style-type: none"> <li>1. Modern Trends in Indian Art</li> <li>2. Paintings of the Contemporary (Modern) Indian Artists</li> <li>3. Graphic Prints of the Contemporary (Modern) Indian Artists</li> </ol>	<p>Object drawing composition . Portfolio Submission</p>
	<p><b>Unit –IV</b> The Modern Trends in Indian Art:</p> <ol style="list-style-type: none"> <li>1. Sculptures of the Contemporary (Modern) Indian Artists</li> </ol> <p>Revision of entire syllabus</p>	

**SUBJECT : PSYCHOLOGY**

**TEXTBOOK PRESCRIBED-**

1. Psychology Textbook for Class XII NCERT

<b>MONTH</b>	<b>UNIT</b>	<b>TOPIC</b>
<b>APRIL</b>	Variations in psychological attributes	Individual differences in the human functioning ,theories of the intelligence ,individual differences in the intelligence ,culture and intelligence, emotional intelligence, and creativity Practical on intelligence
<b>MAY</b>	Personality &Self	Self and personality , concept of self, culture and self , concept of personality ,type trait theory and freud's theory , major approaches to the study of personality and assessment of personality Practical on introvert & extrovert
<b>JULY</b>	Meeting life challenges	PRAC 1,2 and 3  Introduction Nature and types of stress Sources of the stress , effect of stress on psychological functioning and health , coping with stress ,promoting health and wellbeing, Life skills
<b>AUG</b>	Psychological disorders	Introduction, Concepts of abnormality & psychological disorders Factors underlying abnormal behavior Classification of psychological disorders Commonly abused substances Practical 4
<b>SEP</b>	Therapeutic approaches	Nature and process of psychotherapy Types of therapies – psychodynamic, behaviour, relaxation, cognitive , humanistic , biomedical, and alternative Rehabilitation of the mentally ill  CASE STUDY
<b>OCT</b>	Attitude and Social cognition	Introduction, Explaining social behaviour nature and components of attitude , attitude formation & change , prejudice & discrimination, strategies for handling prejudice ,social cognition, schemas and stereotype , impression formation, behaviour in the presence of others ,pro social behaviour
<b>NOV</b>		

Social influence & group  
process

Nature & formation of groups , types of groups ,  
influence of group on individual behaviour , conformity  
, compliance & obedience , cooperation & competition ,  
social identity  
, inter group conflict

Practical 5

**SUBJECT: POLITICAL SCIENCE**

**TEXTBOOK PRESCRIBED-**

**1. POLITICAL SCIENCE Textbook for Class XII NCERT**

MONTH	CHAPTER	TOPIC
APRIL	<p>PART A- CONTEMPORARY WORLD POLITICS</p> <p>1. The End of Bipolarity</p> <p>2. Contemporary Centres of Power</p>	<p>Topics to be focused: a) The Soviet System b) Gorbachev and the disintegration c) Causes and Consequences of disintegration of Soviet Union d) Shock Therapy and its Consequences e) New entities in world politics • Russia • Balkan States • Central Asian States f) India's relations with Russia and other post-communist countries</p> <p>Topics to be focused: a) European Union b) Association of Southeast Asian Nations c) Rise of China as an economic power d) Japan and South Korea as emerging powers</p>
MAY	<p>3. Contemporary South Asia</p> <p>4. International Organizations</p> <p>5. Security in the Contemporary World</p>	<p>Topics to be focused: a) Meaning and importance of International Organisations b) Evolution of the UN c) Structure and function of International Organisations d) Principal Organs of UN e) Reform of the UN after Cold War f) Reform of Structures, Processes and Jurisdiction of the UN g) India and the UN Reforms h) Key Agencies: IMF, World Bank, WTO, ILO, IAEA. i) NGO: Amnesty International, Human Rights Watch. j) Implications and Future of International Organizations</p> <p>Topics to be focused: a) Meaning and Type of Security. b) Traditional concept of security c) Non-tradition notions of Security. d) New Sources of Threats e) Cooperative Security f) India's Security strategy</p>
JULY	<p>6. Environment and Natural Resources</p> <p>7. Globalisation</p> <p>PART B-POLITICS IN INDIA SINCE INDEPENDENCE</p> <p>1. Challenges of Nation Building</p>	<p>Topics to be focused: a) Environmental Concerns b) Global Commons c) Common but differentiated Responsibilities d) India's Stand on Environment Issues e) Environmental Movements f) Resource Geopolitics g) Rights of Indigenous peoples</p> <p>Topics to be focused: a) Concept of globalisation b) Causes and Consequences of globalisation c) India and globalization d) Resistance to globalization e) India and resistance to globalisation</p> <p>Topics to be focused: a) Challenges for the new Nation. • Three Challenges. b) Partition: Displacement and Rehabilitation. • Consequences of Partition. c) Integration of Princely States. • The problem • Government's approach • Hyderabad • Manipur d) Reorganisation of States</p>

AUGUST	<p>2 Era of One-Party Dominance</p> <p>3 Politics of Planned Development</p> <p>4 India's External Relations</p>	<p>Topics to be focussed: a) Challenge of building democracy. b) Congress dominance in the first three general elections. • Nature of Congress dominance • Congress as social and ideological coalition. • Tolerance and management of Factions c) Emergence of opposition parties</p> <p>Topics to be focussed: a) Political contestation. • Ideas of Development. • Planning • Planning Commission b) The Early Initiatives • The First Five Year Plan. • Rapid Industrialisation.</p> <p>Topics to be focussed: a) International Context b) The Policy of NonAlignment. • Nehru's role • conflict with China • The Chinese Invasion 1962 • War and Peace with Pakistan • Bangladesh War 1971 d) India's Nuclear Policy.</p>
OCT	<p>5. Challenges to and Restoration of the Congress System</p> <p>6. The Crisis of Democratic Order</p> <p>7. Regional Aspirations</p> <p>8. Recent Developments in Indian Politics</p>	<p>Topics to be focused: a) Background to Emergency. • Economic Context. • Gujarat and Bihar Movements • Conflict with Judiciary b) Declaration of Emergency • Crisis and response • Consequences c) Lessons of the Emergency. d) Politics after Emergency. • Lok Sabha Elections 1977 • Janata Government • Legacy</p> <p>Topics to be focused: a) Region and the Nation • Indian Approach • Areas of Tension • Jammu and Kashmir • Roots of the Problem • External and Internal disputes • Politics since 1948 • Insurgency and After • 2022 and Beyond b) Punjab • Political Context • Cycle of Violence • Road to Peace c) The Northeast • Demand for autonomy • Secessionist Movements • Movements against outsiders • Assam and National integration</p> <p>Topics to be focused a) Context of 1990s b) Era of Coalition • Alliance Politics c) Political rise of the Backward Classes • Mandal Implemented • Political Fallouts d) Communalism, Secularism and Democracy. • Ayodhya Dispute • Demolition and after e) Emergence of New Consensus f) Lok Sabha Elections 2004 g) Growing Consensus</p>

मास	खंड	उपखंड	अधिगम प्रतिफल
अप्रैल	<p>आरोह (पद्यांश)</p> <p>आरोह (गद्यांश)</p> <p>अभिव्यक्ति और माध्यम</p> <p>रचनात्मक लेखन</p> <p>अपठित बोध</p>	<p>पाठ - आत्म-परिचय, एक गीत</p> <p>पाठ - <a href="#">पतंग</a></p> <p>पाठ - <a href="#">भक्तिन</a></p> <p>पाठ - <a href="#">बाजार दर्शन</a></p> <p>विभिन्न माध्यमों के लिए लेखन</p> <p>अनुच्छेद लेखन/निबंध लेखन</p> <p>अपठित गद्यांश</p>	<p>विभिन्न बोलियों जैसे-ब्रज,अवधि व राजस्थानी भाषा का ज्ञान प्राप्त करना।</p> <p>व्यवहारिक ज्ञान का विकास</p> <p>पठन कौशल का विकास</p> <p>जनसंचार के विभिन्न माध्यमों से अवगत करना</p> <p>बौद्धिक कौशल का विकास</p>
मई	<p>आरोह (पद्यांश)</p> <p>आरोह (गद्यांश)</p> <p>वितान</p> <p>अभिव्यक्ति और माध्यम</p> <p>अपठित बोध</p>	<p>पाठ - <a href="#">कविता की कहानी, बात सीधी थी पर</a></p> <p><a href="#">पाठ - काले मेघा पानी दे</a></p> <p>पाठ - सिल्वर वैडिंग</p> <p><a href="#">पाठ - पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया</a></p> <p><a href="#">अपठित पद्यांश</a></p>	<p>ईश्वर स्मरण,अच्छे काम करना और उत्तम विद्या के महत्व की चर्चा करना।</p> <p>ऊँच-नीच, छुआछूत, अस्पृश्यता जैसी बुराइयों के बारे में बताना।</p> <p>लेखन कौशल का विकास</p>
जुलाई	<p>आरोह (पद्यांश)</p> <p>आरोह (गद्यांश)</p> <p>अभिव्यक्ति और माध्यम</p>	<p><a href="#">पाठ - कैमरे में बंद अपाहिज उषा</a></p> <p>पाठ - बादल राग</p> <p>पाठ - पहलवान की ढोलक</p>	<p>बचपन की स्मृति को सबसे साँझा करना।</p> <p>भाषाशैली का विकास करना।</p> <p>लेखन कौशल का विकास</p>

	अपठित बोध	पाठ - विशेष लेखन-स्वरूप और प्रकार  <u>अपठित पद्यांश</u> रिपोर्ट लेखन	भाषा का ज्ञान
अगस्त	आरोह (पद्यांश)  आरोह (गद्यांश)  वितान  अभिव्यक्ति और माध्यम अपठित बोध  लेखन कौशल	पाठ - कवितावली (उत्तर कांड से), लक्ष्मण-मूच्छ और राम का विलाप पाठ - शिरीष के फूल पाठ - जूझ पाठ - कैसे करे कहानी का नाट्य रूपान्तरण  अपठित गद्यांश  अनुच्छेद लेखन	ईश्वर स्मरण, अच्छे काम करना और उत्तम विद्या के महत्व की चर्चा करना।  साहित्य, समाज और राजनीति में पुरानी और नई पीढ़ी के द्वंद्व को उजागर करना।  <i>नाट्य</i> प्रतिभा का विकास हुआ। कहानी लेखन का विकास हुआ।  लेखन कौशल का विकास हुआ।
सितंबर	आरोह (पद्यांश)  आरोह (गद्यांश)  वितान  अभिव्यक्ति और माध्यम	पाठ - छोटा मेरा खेत, बगुलों के पंख  पाठ - श्रम-विभाजन और जाति-प्रथा, मेरी कल्पना का आदर्श समाज  पाठ - अतीत में दबे पाँव  पाठ - कैसे बनता है रेडियो नाटक	काव्य लेखन की क्षमता का विकास करना।  धार्मिक सौहार्द की भावना का विकास करना। प्रेम, सद्भाव, विश्वास और भाईचारे के विषय में चर्चा करना।  लेखन व पठन कौशल का विकास।

	अपठित बोध लेखन कौशल	पाठ - नए और अप्रतायशित विषयों पर लेखन  अपठित गद्यांश आलेख लेखन फीचर लेखन	शब्द कौशल का विकास करना।
अक्टूबर	पुनरावृत्ति	पुनरावृत्ति	छात्र पहले सिखाई गई अवधारणाओं को संशोधित करते हुए।
नवंबर	पुनरावृत्ति	पुनरावृत्ति	छात्र पहले सिखाई गई अवधारणाओं को संशोधित करते हुए।
दिसंबर	पुनरावृत्ति	पुनरावृत्ति	छात्र पहले सिखाई गई अवधारणाओं को संशोधित करते हुए।
जनवरी	पुनरावृत्ति	पुनरावृत्ति	छात्र पहले सिखाई गई अवधारणाओं को संशोधित करते हुए।