SUBJECT: ENGLISH CORE

SUBJECT CODE: 301

Unit No	Name of the Chapter/Unit	Marks
01	Reading Skills • Unseen passage to assess comprehension • Unseen case-based passage	22
02	Creative Writing Skills • Notice • Invitation • Letter writing • Report writing and Article writing	18
03	Literature Text Book and Supplementary Reading Text • Flamingo • Vistas	40
	Total	80
01	Internal assessment i. Listening ii. Speaking iii. Project Work	5 5 10

Month	Flamingo/ Vistas	Reading &Advanced Writing Skills	Activities/Projects
April	i. The Last Lesson (Prose) ii. My Mother at Sixty-Six (Poem) iii. The Third Level (Prose)	Short Writing Task: i. Notice writing (notice for meeting, notice for events like Competition/Tour/Celebration/Annual Sports/Cultural Events etc. Notice for Lost and Found)	i. Assignment- Write a letter to the Editor highlighting/ expressing views on 'Linguistic Chauvinism in the Present Scenario of Academic Life' ii. Assignment- Create a flow chart of events in the story 'The Third Level'. iii. Art Integrated Project – Based on the poem' My Mother at Sixty Six'
May	i. Lost Spring (Prose) ii. The Tiger King (Prose)	i. Formal Invitation & Reply ii. Unseen passage to assess Comprehension, interpretation and inference.	i. Discussion on Health hazards of Child Labour. (LOST SPRING) ii. Poster on Child labour. (LOST SPRING) iii. Collect the data regarding government and NGOs activities to save tigers in

Month	Flamingo/ Vistas	Reading &Advanced Writing Skills	Activities/Projects
		iii. Unseen passages: case-based passage with verbal/ visual inputs like statistical data, charts etc.	India with the help of internet and library. (TIGER KING) iv. Article writing on Child Labour.
June	i. Deep Water (Prose) ii. Keeping Quiet (Poem) iii. Journey to the End of the Earth	i. Informal Invitation and Reply ii. Letter Writing: Letter Based On Verbal/Visual Input	i. Find the personalities and events from the history of sports, music, dance etc. which proves that practice makes a man perfect. For example, life of Sachin Tendulkar, Sudha Chandran etc. ii. Write an article for your school magazine on the topic : Live and Let live. (Reference: Tiger King and Keeping Quiet) iii. Practice of drafting Invitation for different occasions and their replies.
July	i. A Thing of Beauty (Poem) ii. The Enemy (Prose)	i. Application for job with bio data or resume. ii. Letter to the Editor giving suggestion or opinion on issues of public interest.	Assessment Tool: i. Oral Test ii. Written class test. iii. Write your point of view on the decision taken by Dr. Sadao. Write imaginary dialogues between Dr. Sadao and his wife on whether to save American soldier or not.
August	i. The Rattrap (Prose) ii. Indigo (Prose)	Long compositions i. Article / Report writing, descriptive and analytical in nature based on verbal inputs.	i. Documentary film on Gandhi ji showing contribution on Indian National Movement may be shown. ii. Write an article on the importance of peace and the right way to resolve issues with reference to the chapters Keeping Quiet and Indigo.

Month	Flamingo/ Vistas	Reading &Advanced Writing Skills	Activities/Projects
September	Revision TERM 1 EXAMINATION	i. Revision (Writing Skills)	ALS Practice.
October/ November	i. The Interview (Prose) ii. Aunt Jennifer's Tigers (Poem) iii. Going Places (Prose) iv. On the face of It. (Play) v. Memories of Childhood • The Cutting of My Long Hair • We Too Are Human Beings	Practice of i. Unseen passages ii. Discussion and practice on Report writing.	i. Group discussion on Condition of Women in the contemporary society, Gender Discrimination & Things that hurt disabled people. ii. Find the difference of present-day women to Aunt Jennifer's as described in the poem Aunt Jennifer's tigers. iii. Prepare a motivational speech on behalf of Mr. Lamb to a group of differently able students urging them to be positive in their approach to life. iv. As a social activist, write an article to a newspaper on the need to empower women. (Reference: Going Places and Aunt Jennifer's Tigers.) v. Project work to be assigned.
December	PREBOARD EXAM 1	• Discussion and practice of unseen passages. • Practice of Notice, Invitation, Letters and Report writing. • Project work	
January	PREBOARD EXAM 2	REVISION	

SUBJECT: - Mathematics (041)

MONTH	TOPIC
MARCH, APRIL	**Unit-III: Calculus** 1. **Continuity and Differentiability** Continuity and differentiability, chain rule, derivative of inverse trigonometric functions, *like* functions, *like sin-1x, cos-1x and tan-1x*, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives. 2. **Applications of Derivatives** Applications of derivatives: rate of change of quantities.......(continued).
MAY, JUNE	**Unit-III: Calculus** 2. **Applications of Derivatives** 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 situations). **Unit-I: Relations and Functions** 1. **Relations and Functions** Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions. 2. **Inverse Trigonometric Functions** Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions
JULY, AUGUST	**Unit-II: Algebra** 1. **Matrices** 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). 2. **Determinants** 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. **Unit-III: Calculus** 3. **Integrals** 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.

	$\int \frac{dx}{x^2 \pm a^2}$, $\int \frac{dx}{\sqrt{x^2 \pm a^2}}$, $\int \frac{dx}{\sqrt{a^2 - x^2}}$, $\int \frac{dx}{ax^2 + bx + c}$, $\int \frac{dx}{\sqrt{ax^2 + bx + c}}$, $\int \frac{px + q}{ax^2 + bx + c} dx$, $\int \frac{(px + q)}{\sqrt{ax^2 + bx + c}} dx$, $\int \sqrt{a^2 \pm x^2} dx$, $\int \sqrt{x^2 - a^2} dx$ $\int \sqrt{ax^2 + bx + c} \, dx$ Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.
SEPTEMBER	**REVISION AND TERM-I EXAMINATION**
OCTOBER	**Unit-III: Calculus** **4. Applications of the Integrals** Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only) **5. Differential Equations** 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 of the type: $\frac{dy}{dx} + py = q, where \; p \; and \; q \; are \; functions \; of \; x \; alone \; or \; constants.$ $\frac{dx}{dy} + px = q, where \; p \; and \; q \; are \; functions \; of \; y \; alone \; or \; constants.$ **Unit-IV: Vectors and Three-Dimensional Geometry** **1. Vectors** 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 Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors.
NOVEMBER	**Unit-IV: Vectors and Three-Dimensional Geometry** **2. Three - dimensional Geometry** 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. **Unit-V: Linear Programming** **1. Linear Programming** 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). **Unit-VI: Probability** **1. Probability** Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean of random variable

BLUE PRINT OF FIRST TERMINALEXAMINATION'2024-25

SR. NO	UNIT/CHAPTERS	VSA (01 MARK)	VSA (02 MARKS)	SA (03 MARKS)	SA (04 MARKS)	LA (05 MARKS)	TOTAL MARKS &NUMBER OF QUESTIONS
1	RELATIONS AND FUNCTIONS	03	---	01	---	01	11 (5Q)
2	INVERSE TRIGONOMETRIC FUNCTIONS	03	01	---	01		09 (5Q)
3	MATRICES	03	---	01	01	01	15 (6Q)
4	DETERMINANTS	03	01	---	---	---	05 (4Q)
5	CONTINUITY AND DIFFERENTIABILITY	03	01	02	---	---	11 (6Q)
6	APPLICATION OF DERIVATIVES	02	01	01	01	01	16 (6Q)
7	INDEFINITE INTEGRATION	03	01	01	---	01	11 (6Q)
	TOTAL	20Q	05Q	06Q	03Q (CASE STUDY)	04Q	80 (38Q)

PHYSICS SYLLABUS 2024-25

UNIT NO.	NAME OF UNIT	HALF YEARLY	PRE BOARD
Unit–I	**Electrostatics**		16
	Chapter–1: Electric Charges and Fields	10	
	Chapter–2: Electrostatic Potential and Capacitance	10	
UNIT II	**Current Electricity**		
	Chapter–3: Current Electricity	10	
UNIT –III	**Magnetic Effects of Current and Magnetism**		17
	Chapter–4: Moving Charges and Magnetism	15	
	Chapter–5: Magnetism and Matter	5	
UNIT –IV	**Electromagnetic Induction and Alternating Currents**		
	Chapter–6: Electromagnetic Induction	10	
	Chapter–7: Alternating Current	10	
UNIT –V	**Electromagnetic Waves**		
	Chapter–8: Electromagnetic Waves		18
UNIT –VI	**Optics**		
	Chapter–9: Ray Optics and Optical Instruments		
	Chapter–10: Wave Optics		
UNIT –VII	**Dual Nature of Radiation and Matter**		12
	Chapter–11: Dual Nature of Radiation and Matter		
UNIT – VIII	**Atoms and Nuclei**		
	Chapter–12: Atoms		
	Chapter–13: Nuclei		
UNIT – IX	**Electronic Devices**		7
	Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits		
TOTAL		70	70

Physics Exam Marking Scheme

Sections	Number of questions	Marks Allotted
Section-A	16 (12 MCQs and 4 Assertion Reasoning)	16 x 1 = 16
Section-B	5 Questions	5 x 2 = 10
Section-C	7 Questions	7 x 3 = 21
Section-D	2 Case Study Based Questions	2 x 4 = 8
Section-E	3 Long Answer Questions	3 x 5 = 15

PRINT FOR HALF YEARLY EXAMINATION

CHAPTER NAME	1 MARK	2 MARKS	3 MARKS	4 MARKS	5 MARKS
Electric Charges and Fields	1	1	1	1	-
Electrostatic Potential AND CAPACITANCE	2	-	-	-	1
CURRENT ELECTRICITY	3	2	2	-	-
Magnetic Effects of Current and Magnetism	5	1	1	-	1
Magnetism and Matter	-	1	1	-	-
Electromagnetic Induction	3	-	1	1	-
Alternating Current	2	-	1	-	-
TOTAL	16	5	7	2	2

Syllabus : Chemistry (Theory)

Syllabus:Chemistry (Practical)

Months:	
APRIL : 1.Solutions	Volumetric Analysis KMno4 Vs Mohr salt 2.Electrochemistry
	Volumetric Analysis: KMno4 Vs Oxalic acid
May: 3: Electrochemistry Continued	Detection of Ammonium cation and Carbonate anion. 4 : Chemical kinetics
	Detection of Lead cation and Acetate anion.
June: 5.Chemical kinetics Continued	Detection of Copper cation and Chloride anion. 6. d and f block elements
	Detection of Lead cation and Nitrate anion
July: 7.d and f blocks elements continued Coordination compounds	Detection of Aluminium cation and Sulphate anion.
	Detection of Iron(II) cation and Chloride anione
	Detection of Nickel cation and Nitrate anion.
August : 8. Haloalkenes & Haloarenes	Distinguish between Functional Groups 9. Alcohols, Phenols & Ethers
	1. Alcohol, Phenol
	2. Aldehyde, ketones
	3. Amines & Carboxylic acid
September: 9. Aldehydes & Ketones	Test for protein, fats & carbohydrates
October : 10. Amines	Detection of Barium cation & Carbonate anion.
	Detection of Strontium cation & Nitrate anion
	Detection of Manganese cation & Sulphate anion.
November: 11. Biomolecules	Detection of Magnesium cation and Sulphate anion.
	Detection of Zinc cation and Carbonate anion.

BIOLOGY SYLLABUS 2024-25

1ST TERM

UNIT	TOPICS	MARKS	MONTH OF COMPLETION
VI	* Sexual Reproduction in Flowering Plants. * Human Reproduction * Reproductive Health	16	MAY
VII	* Principles of Inheritance and Variation. * Molecular Basis of Inheritance. * Evolution	20	JUNE/JULY
VIII	* Human Health and Diseases. * Microbes in Human Welfare.	12	AUGUST/SEPTEMBER REVISION
ANNUAL/ PRE BOARD			
IX	* Biotechnology-Principles and Processes. Biotechnology and its Applications	12	OCTOBER
X	* Organisms and Populations. * Ecosystem * Biodiversity and its Conservation.	10	NOVEMBER
	* REVISION		DECEMBER
TOTAL		70	

Class 12 Biotechnology

TERM-I

MONTH	UNIT	CHAPTER	NO. OF PERIODS
APRIL	UNIT-V	**Chapter-1: Recombinant DNA Technology** Introduction, Tool of Recombinant DNA technology, Making rDNA molecule, Introduction of recombinant DNA into host cells, Identification of recombinants, Polymerase Chain Reaction (PCR), DNA Sequencing.	30
MAY & JUNE	UNIT-V	**Polymerase Chain Reaction (PCR), DNA Sequencing.** **Chapter-2:** Protein Structure and Engineering Introduction to the world of proteins, Structure-function Relationship in proteins, Characterization of proteins, Protein based products, Designing proteins (Protein Engineering)	50
JULY	UNIT-V	**Chapter-3: Genomics, Proteomics and Bioinformatics** Gene prediction and counting, Genome similarity, SNPs and Comparative genomics, Functional genomics, Proteomics, Information sources, Analysis using bioinformatics tools.	
AUGUST	UNIT-VI	**Chapter-1: Microbial Cell Culture and its Applications** Introduction, Microbial nutrition and culture techniques, Measurement and kinetics of microbial growth, Isolation of microbial products, Strain isolation and improvement, Applications of microbial culture technology.	30
SEPTEMBER	REVISION FOR TERM I		

TERM-II

MONTH	CHAPTER	NO. OF PERIODS
OCTOBER	**Chapter -2: Plant Cell Culture and Applications** Introduction, Cell and tissue culture techniques, Applications of cell and tissue culture, Transgenic plants with beneficial traits, Biosafety of transgenic plants Chapter-3: Animal Cell Culture and Applications Introduction, Animal cell culture techniques, Applications of animal cell culture, Stem cell technology.	20
NOVEMBER	**Chapter-3: Animal Cell Culture and Applications** Stem cell technology. REVISION	2+20
DECEMBER	REVISION FOR TERM II	

BLUE PRINT OF QUESTION PAPER

TERM I

UNIT	CHAPTER	MARKS
Unit-V Protein and Gene Manipulation	**Chapter-1: Recombinant DNA Technology**	15
	Chapter-2: Protein Structure and Engineering	20
	Chapter-3: Genomics, Proteomics and Bioinformatics	20
Unit-VI Cell Culture and Genetic Manipulation	**Chapter-1: Microbial Cell Culture and its Applications**	15
	PRACTICAL	30
	TOTAL	100

TERM II

UNIT	CHAPTER	MARKS
Unit-V Protein and Gene Manipulation	**Chapter-1:** Recombinant DNA Technology	40
	Chapter-2: Protein Structure and Engineering	
	Chapter-3: Genomics, Proteomics and Bioinformatics	
Unit-VI Cell Culture and Genetic Manipulation	**Chapter-1:** Microbial Cell Culture and its Applications	30
	Chapter -2: Plant Cell Culture and Applications	
	Chapter-3: Animal Cell Culture and Applications	
I	PRACTICAL	30
	TOTAL	100

SUB: COMPUTER SCIENCE WITH PYTHON (083)

MONTH	PORTION
APRIL	**Revision of Python** • Revision of Python topics covered in Class XI. User Defined functions in Python • Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function
MAY	**User Defined functions in Python Contd.** • Arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
JUNE	**Exception Handling** • Introduction • Errors in Python and Debugging (Syntax Error, Run-time Error, Logical Error • What is Exception Handling & Standard Exceptions in Python • Handling Exceptions in Python • Use of raise, assert and try…except with finally block **File handling in Python** • Introduction to files, types of files (Text, Binary, CSV), relative and absolute paths • Text file: opening, text file modes (r, r+, w, w+, a, a+), closing a text file, opening file using with clause, writing/appending data using write() and writelines(), reading from a text file using read().
JULY	**File handling in Python Contd.** • Text file contd.: Use readline() and readlines(), seek and tell methods, manipulation of data in a text file. • 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 • CSV file: import csv module, open / close csv file, write into a csv file using csv.writer() and read from a csv file using csv.reader( )
AUGUST	**Data Structure in Python** • Data Structure: Stack, operations on stack (push & pop), • Implementation of stack using list. • Implementation of stack using list & Dictionary. **Database Management** • Database concepts: introduction to database concepts and its need • Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate, primary, alternate, foreign, composite)

MONTH	PORTION
	• SQL: Introduction, DDL and DML, data type (char(n), varchar(n), int, float, date), constraints(not null, unique, primary key), create database, use database, show database, drop database, show tables, create table, describe table, alter table (add & remove an attribute, add & remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct, where clause, in, between, order by, meaning of null, is null, is not null, like, not like.
SEPTEMBER	• Revision of First Terminal (Full syllabus)
OCTOBER	**Database Management Contd.** • 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. **Python MySQL Connectivity** • Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications
NOVEMBER	**Computer Networks** • Evolution of networking: 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 media (Twisted pair, Co-axial, Fiber-optic), 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

Economics for Senior Secondary

SL NO.	UNITS/TOPICS PART A: INTRODUCTORY MACRO ECONOM ICS	MARKS	NO OF PERIODS	MONTH
1.	NATIONAL INCOME & RELATED AGGREGATES	10	30	APRIL-MAY
2.	GOVT BUDGET & INDIAN ECONOMY	6	15	JUNE
3.	BALANCE OF PAYMENTS	6	15	JULY(1to15)
	UNITS/TOPICS PART B: INDIAN ECONOMIC DEVELOPMENT			
4.	DEVELOPMENT EXPERIENCE (1947-1990) & ECONOMIC REFORMS SINCE 1991	12	25	**JUNE (LAST WEEK) + JULY (1 to 15)
5.	DEVELOPMENT EXPERIENCE: A COMPARISON WITH NEIGHBOURS	8	12	JULY (16 to 31st)
	CURRENT CHALLENGES FACING INDIAN ECONOMY	20	60	
6.	HUMAN CAPITAL FORMATION		15	AUGUST (1ST to 14TH)
7.	SUSTAINABLE DEVELOPMENT		15	AUGUST (16TH to 31ST)
8.	REVISION FOR HALF YEARLY EXAM		10	SEPTEMBER (1ST to 10TH)
9.	RURAL DEVEIOPMENT & EMPLOYMENT		20	OCTOBER
	UNITS/TOPICS PART A: INTRODUCTORY MACRO ECONOM ICS			
10.	MONEY & BANKING	6	15	OCTOBER
11.	DETERMINATION OF INCOME & EMPLOYMENT	12	30	NOVEMBER
12.	REVISION FOR PRE-BOARD			DECEMBER

** IN THE MONTH OF JUNE & JULY BOTH MACRO ECONOMICS & INDIAN ECONOMIC DEVELOPMENT TO BE TAUGHT BY BALANCING THE WEEKLY LESSON PLAN.

Class XII Accountancy (055)

UNIT	NAME	MONTH	SA 1	SA 2
PART A				
2.	Accounting for Partnership Firms a. Fundamental and Valuation of Goodwill b. Change in Profit Sharing Ratio c. Admission of a Partner d. Retirement of a Partner e. Death of a Partner f. Dissolution of Partnership Firm	 April April/May June June-July July July / August	55	36
3.	Accounting for Companies a. Accounting for Share capital	 August/September	25	24
	HALF YEARLY EXAMINATION (SEPTEMBER)		----	
	b. Accounting for debentures (Issue)	October		
PART B				
4.	Analysis of Financial Statements a. Financial statements of a company b. Financial statement analysis c. Financial tools (Comparative and common size statements) d. Ratio Analysis	 Oct/Nov	----	12
5.	Cash Flow Statement	Nov/Dec		08
PART C	PROJECT WORK		20	20
	TOTAL		100	100

CLASS XII BUSINESS STUDIES (Code No. 054)

Theory: 80 Marks   3 hours   Project: 20 Marks

Units	Chapter Name	Month	HY	ANNUAL
PART A	PRINCIPLES AND FUNCTIONS OF MANGEMENT			
1	Nature and Significance of Management	April	29	16
2	Principles of Management	April		
3	Business Environment	May		
4	Planning	June	21	14
5	Organising	July		
6	Staffing	July	30	20
7	Directing	August		
8	Controlling	August – September		
PART B	BUSINESS FINANCE AND MARKETING			
9	Financial Management	October		15
10	Financial Markets	October		
11	Marketing Management	November		15
12	Consumer Protection	November		
PART C	PROJECT WORK			20
	Total Marks		100	100

BLUE PRINT XII th BUSINESS STUDIES (2024-25) Half Yearly

S.N	Chapter Name	1M	3M	4M	6M	Total
1.	Nature and Significance of Management	3	1	1(Choice)	-	10
2.	Principles of Management	3	-	-	1(Choice)	9
3.	Business Environment	3	1(Choice)	1	-	10
4.	Planning	2	1(Choice)	1	-	9
5.	Organising	2	-	1(Choice)	1	12
6.	Staffing	2	1(Choice)	-	1	11
7.	Directing	3	-	1	1(Choice)	13
8.	Controlling	2	-	1	-	6
		20Q	4Q	6Q	4Q	80

MARK ANALYSIS

MARKS	NO. OF QUESTION	TOT. (marks x no. Of question)	Optional/ Choice Question
1	20	20	Nil
3	4	12	3
4	6	24	2
6	4	24	2
	34	80	

1. NATURE AND SIGNIFICANCE OF MANAGEMENT

Question answer session: By Introducing real life examples such as the different activities involves during family function celebrations and asking questions about managing different activities.
Case studies Introducing real life examples
Case studies
Introducing real life examples
Introducing real life examples

2. PRINCIPLES OF MANAGEMENT

Store Visit Like KFC, Dominos, Mc Donald Etc	Students Will Be Taken To Any Of The Above Outlet For Easy Understanding Of The Different Principles Of Management Where Division Of Work Will Be Understood When They Will Interact With The Staff
Create Drama On Functional Foremanship for easy understanding through role play.	The teacher assigns the post of factory manager to a particular student who will recruit planning and production manager. Now planning in- charge shall divide his work among four students i.e. Instruction card clerk, Route clerk, Time and cost clerk and Disciplinarian. Each student in this role play will know his part of the duty. Now production in-charge shall divide his work among four students i.e. Speed boss, Gang boss. Repair boss and Inspector. In this way the students shall remember the different function
Allot Fayol's principles	3. Allot Fayol's principles name to each student roll number wise i.e. 1 to 14 and let them remember their respective features. The teacher shall ask them to recite their features in front of whole class.

3. BUSINESS ENVIRONMENT

1.Newspaper reading – Newspaper of the last one week shall be read out in the class with special mention of the changes in economic policies of the Govt and their effect.

2. Role play Students shall be divided into five groups each representing one dimension of business environment. Each group shall point out the changes in their dimension due to change in the business environment.

4.   PLANNING

Role playing types of plans

5.   STAFFING ACTIVITY INVOLVED

Lecture method

Explained why staffing is important in an organization.

Explained the steps involved in staffing.

Explained internal and external source of recruitment

Explained training and development is important

Real life example

Asking student for Collecting newspaper cutting for advertisement of jobs and reading from the ads what type of requirement of a company and how

they will select a person and steps involved in selection.

6.   DIRECTING

Role play based on the steps of Directing.

Presentation: -Each student shall be given one function and process for presentation.

7.   CONTROLLING

Role play based on the steps of Controlling.

Presentation: -Each student shall be given one function and process for presentation.

8.   FINANCIAL MANAGEMENT

Group Discussion on: Requirement of fixed and working capital. Factors affecting capital structure of a Co.

9.   FINANCIAL MARKET

Group Discussion on: Money market and capital market along with financial instruments.

Demonstration method: Securities and Exchange Board of India (SEBI) - objectives and functions with help of SEBI & BSE web sites

10. MARKETING

Role playing

Involvement of students in passing the parcel

11. Consumer protection:

Role playing.

SUBJECT: - Applied Mathematics (241)

MONTH	TOPIC	
MARCH, APRIL	UNIT-1 NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS Modulo Arithmetic, Congruence Modulo, Alligation and Mixture, Numerical Problems, Boats and Streams (upstream and downstream), Pipes and Cisterns, Races and Games, Numerical Inequalities.	
MAY, JUNE	UNIT-2 ALGEBRA Matrices and types of matrices, Equality of Matrices. Transpose of a matrix, Symmetric and Skew symmetric matrix, Algebra of Matrices, Determinants, Inverse of a matrix. Solving system of simultaneous equations using matrix method, Cramer's rule.	
JULY AUGUST	UNIT- 3 CALCULUS Higher Order Derivatives, Application of Derivatives, Marginal Cost and Marginal Revenue using derivatives. Increasing /Decreasing Functions, Maxima and Minima. Integration and its Applications Integration, Indefinite Integrals as family of curves. Definite Integrals as area under the curve. Application of Integration. Differential Equations and Modelling Differential Equations, Formulating and Solving Differential Equations, Application of Differential Equations.	
SEPTEMBER	REVESION AND TERM – I EXAMINATION	

MARKING SCHEME AND BLUE PRINT

HALF YEARLY EXAMINATIONS

SL. NO.	Unit/chapter	VSA(01)	VSA(02)	SA(03)	SA(04)	LA(05)	TOTAL
1	NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS	03	01	01			(08) (05 QUESTIONS)
2	NUMERICAL INEQUALITIES	02		01	01		(09) (04 QUESTIONS)
3	MATRICES	02	01		01	01	(13) (05 QUESTIONS)
4	DETERMINANT	02	01			01	(09) (04 QUESTIONS)
5	DIFFERENTIATION	03		01		01	(11) (05 QUESTIONS)

SL. NO.	Unit/chapter	VSA(01)	VSA(02)	SA(03)	SA(04)	LA(05)	TOTAL
6	APPLICATION OF DERIVATIVES	02	01	01	01	01	(16) (06 QUESTIONS)
7	INTEGRALS	03	01	01			(08) (05 QUESTIONS)
8	DIFFERENTIAL EQUATIONS	03		01			(06) (04 QUESTIONS)
		20 Q	05 Q	06 Q	03 Q	04 Q	(80) (38 QUESTIONS)

INFORMATICS PRACTICES SYLLABUS 2024-25

MONTH	TOPIC
SEPTEMBER	**UNIT- 4 , PROBABILITY DISTRIBUTIONS** Probability Distribution, Mathematical Expectation, Variance, Binomial Distribution, Poison Distribution, Normal Distribution.
OCTOBER	**UNIT - 5 INFERENTIAL STATISTICS** Population and Sample, Parameter and Statistics and Statistical Interferences, t-Test (one sample t-test and two independent groups t-test)
OCTOBER	**UNIT –6 INDEX NUMBERS AND TIME-BASED DATA** Time Series, Components of Time Series, Time Series analysis or univariate data, Secular Trend, Methods of Measuring trend.
NOVEMBER	**UNIT - 7 FINANCIAL MATHEMATICS** Perpetuity, Sinking Funds, Calculation of EMI, Calculation of Returns, Nominal Rate of Return, Compound Annual Growth Rate, Linear method of Depreciation,
NOVEMBER	**UNIT - 8 LINEAR PROGRAMMING** Introduction and related terminology, Mathematical formulation of Linear Programming Problems, Different types of Linear Programming Problems, Graphical method of solution for problems in two variables, Feasible and Infeasible Regions, Feasible and infeasible solutions, optimal feasible solution.
DECEMBER	REVESION AND PRE – BOARD EXAMINATION (TERM – II)

SL. NO.	Unit/Chapter	VSA(01)	VSA(02)	SA(03)	SA(04)	LA(05)	TOTAL
1	NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS	5	1		1		(11) (07 QUESTIONS)
2	ALGEBRA (MATRICES AND DETERMINANTS)		1	1		1	(10) (03 QUESTIONS)
3	INFERENTIAL STATISTICS	3	1				(05) (04 QUESTIONS)
4	INDEX NUMBER AND TIME-BASED DATA	2			1		(06) (03 QUESTIONS)
5	CALCULUS	1		3		1	(15) (05 QUESTIONS)
6	FINANTIAL MATHEMATICS	7	1	2			(15) (10 QUESTIONS)

SL. NO.	Unit/Chapter	VSA(01)	VSA(02)	SA(03)	SA(04)	LA(05)	TOTAL
7	LINEAR PROGRAMMING	1	1			1	(08) (03 QUESTIONS)
8	PROBABILITY	1			1	1	(10) (03 QUESTIONS)
		20 Q	05 Q	06 Q	03 Q	04 Q	(80) (38 QUESTIONS)

Practical: Use of spreadsheet

Graphs of an exponential function, demand and supply functions on Excel and study the natureof function at various points, maxima/minima, Matrix operations using Excel

Suggested practical using the spreadsheet

i) Plot the graphs of functions on excel and study the graph to find out the point of maxima/minima

ii) Probability and dice roll simulation

iii) Matrix multiplication and the inverse of a matrix

iv) Stock Market data sheet on excel

v) Collect the data on weather, price, inflation, and pollution analyse the data and make meaningful inferences

vi) Collect data from newspapers on traffic, sports activities and market trends and use excel to study future trends

List of Suggested projects (Class XI /XII)

i) Use of prime numbers in coding and decoding of messages

ii) Prime numbers and divisibility rules

iii) Logarithms for financial calculations such as interest, present value, future value, profit/loss etc. with large values)

iv) The cardinality of a set and orders of infinity

v) Comparing sets of Natural numbers, rational numbers, real numbers and others

vi) Use of Venn diagram in solving practical problems

Assessment Plan

1. Overall Assessment of the course is out of 100 marks.

2. The assessment plan consists of an External Exam and Internal Assessment.

3. External Exam will be of 03 hours duration Pen/ Paper Test consisting of 80 marks.

4. The weightage of the Internal Assessment is 20 marks. Internal Assessment can be a combination of activities spread throughout the semester/ academic year. Internal Assessment activities include projects and excel based practical. Teachers can choose activities from the suggested list of practical or they can plan activities of a similar nature. For data-based practical, teachers are encouraged to use data from local sources to make it more relevant for students.

5. Weightage for each area of internal assessment may be as under:

Sl. No.	Area and Weightage	Assessment Area	Marks allocated
1	Project work (10 marks)	Project work and record.	05 marks
		Year end presentation and viva of the project	05 marks
2	Practical works (10 marks)	Performance of practical and record	05 marks
		Year-end test of any one practical	05 marks
		TOTAL	20 MARKS

BLUE PRINT FOR TERM-1 (AS PER CBSE SAMPLE QUESTION PAPER)

FULL MARKS:70 (THEORY) + 30 (PRACTICAL)

Unit No	Chapter Name	Total Marks Chapter-Wsie	No Of Questions Carrying (1 Mark)	No. Of Questions Carrying (2 Marks)	No. O F Questions Carrying (3 Marks)	No Of Questions Carrying (4 Marks)	No Of Questions Carrying (5 Marks)	Total No Of Questions (Marks)
1	Data Handling using Pandas -I							
	Data structures in Pandas - Series	20	6(6)	3(6)	1(3)		1(5)	11QUESTIONS (20 MARKS)
	Data Frames:	35	10(10)	4(8)	4(12)		1(5)	19QUESTIONS (35 MARKS)
	Data Visualization	15	2(2)			2(8)	1(5)	5QUESTIONS (15 MARKS)
	TOTAL NO. OF QUESTIONS(MARKS)	70	18(18)	7(14)	5(15)	2(8)	3(15)	35QUESTIONS (70 MARKS)

BLUE PRINT FOR TERM-2 (AS PER CBSE SAMPLE QUESTION PAPER)

FULL MARKS:70 (THEORY) + 30 (PRACTICAL)

Unit No	Chapter Name	Total Marks Unit-Wsie	No Of Questions Carrying (1 Mark)	No. Of Questions Carrying (2 Marks)	No. O F Questions Carrying (3 Marks)	No Of Questions Carrying (4 Marks)	No Of Questions Carrying (5 Marks)	Total No Of Questions (Marks)
1	Data Handling using Pandas –I Data structures in Pandas – Series Data Frames, Data Visualization	25	6(6)	3(6)	3(9)	1(4)		13QUESTIONS(25 MARKS)
2	Database Query using SQL	25	6(6)	2(4)	2(6)	1(4)	1(5)	12 QUESTIONS (25 MARKS)
3	Introduction to Computer Networks	10	3(3)	1(2)			1(5)	5 QUESTIONS (10 MARKS)
4	Societal Impacts	10	3(3)	1(2)			1(5)	5 QUESTIONS (10 MARKS)
	TOTAL NO. OF QUES-TIONS(MARKS)		18(18)	7(14)	5(15)	2(8)	3(15)	35 QUESTIONS (70 MARKS)

HISTORY SYLLABUS 2024-25

(Code No. 027)

S. No	Parts	Period	Marks
1	Themes in Indian History Part—I	60	25
2	Themes in Indian History Part—II	60	25
3	Themes in Indian History Part – III	60	25
4	Map	15	05
	Total	195	80

Themes in Indian History	Part—I		25 Marks
No.	Theme Title	Periods	Marks
1	Bricks, Beads and Bones The Harappa Civilisation	15	25
2	Kings, Farmers and Towns Early States and Economies (c.600 BCE600 CE)	15	
3	Kingship, Caste and class Early Societies (c. 600 BCE600 CE)	15	
4	Thinkers, Beliefs and Buildings Cultural Developments (c. 600 BCE600 CE)	15	

Themes in Indian History	Part—II		25 marks
5	Through the eyes of Travellers Perceptions of Society (c. tenth to seventeenth centuries)	15	25
6	Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)	15	
7	An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries)	15	
8	Peasants, zamindars and the States Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries)	15	

Themes in Indian History	Part—III	25 marks	
	Theme Title	Periods	Marks
9	Colonialism and The Countryside Exploring Official Archives	15	25
10	Rebels and Raj 1857 Revolt and its Representations	15	
11	Mahatma Gandhi and the National Movement Civil Disobedience and Beyond	15	
12	Framing of the Constitution The Beginning of a New Era	15	
	Including Map work of the related Themes	15	05
	Theory Total		80
	Project Work	25	20
	TOTAL	220	100

S.N	THEMES
1	**MONTH- APRIL** **THEME -1 BRICKS, BEADS AND BONES (HARAPPAN CIVILIZATION)** LEARNING OBJECTIVES: - • Familiarize the learner with the early urban centers as economic and social institutions. • Introduce the ways in which new data can lead to a revision of existing notions of history. • Find the difference between an archeologist and historian who Investigate and interpret historical and contemporary sources. **SUGGESTIVE TEACHING LEARNING PROCESS** • Inquiry based use of questions to explore. • Illustrate how archaeological excavations are undertaken, and their findings are interpreted. • Use of Picture charts and Map reading to trace the growth of urban centres. **LEARNING OUTCOME** • To investigate, explore and interpret the early urban centres and social institutions. • State and deduce the multi- lateral aspects of Harappan civilization to understand the first civilization of the world. • Investigate and interpret historical and contemporary sources and viewpoints of ASI and historians on Harappa.
2	**MONTH- APRIL** **THEME -2 KINGS, FARMERS AND TOWNS** **LEARNING OBJECTIVES: -** • To Familiarize the learner with major trends in the political and economic history of the subcontinent. • Introduce inscriptional analysis and the ways in which these have shaped the understanding of political and economic processes.

S.N	THEMES
2	• Critically examine the limitations of inscriptional evidence.
	SUGGESTIVE TEACHING LEARNING PROCESS
	• Use of Archaeological Evidence Videos and Narration method to bring an understanding of the trends.
	• Virtual tour to analyse and understand the inscriptions.
	LEARNING OUTCOME
	• To critically evaluate and interpret major trends in the political and economic history of the subcontinent.
	• Decode inscriptional evidence.
	• Analyse inscriptional evidences and the ways in which these have shaped the understanding of political and economic processes.
3	**MONTH- MAY**
	THEME -3 KINSHIP, CASTE AND CLASS
	LEARNING OBJECTIVES: -
	• To Familiarize the learners with issues in social history.
	• Introduce the strategies of textual analysis and their use in reconstructing social history.
	• To appraise the condition of women during Mahabharata age.
	SUGGESTIVE TEACHING LEARNING PROCESS
	• Narration of the issues in social history.
	• Story boards can be used to discuss the scriptures of ancient India.
	• Debate & Group discussion condition of women during Mahabharata age.
	LEARNING OUTCOME
	• To examine, analyse the issues of social history.
	• Analyse social norms in order to understand the perspectives of society given in the scriptures of ancient India.
	• Examine the varied dimensions explored by historians in order to understand dynamic approach of Mahabharata.
4	**MONTH- JUNE**
	THEME -4 THINKERS, BELIEFS AND BUILDINGS
	LEARNING OBJECTIVES: -
	• Discuss the major religious developments in early India.
	• Introduce strategies of visual analysis and their use in reconstructing the theories of religion.
	• Reconstructing the Mauryan administration with help of Arthasastra,Indica and other sources.
	SUGGESTIVE TEACHING LEARNING PROCESS
	• Use of flow chart and Tabular columns to compare the major religions in ancient India.
	• Picture chart to discuss the stories in the sculptures.
	• Use of map to locate the places of religious development.
	LEARNING OUTCOME
	• To infer and compare the major religious developments in early India.
	• Elucidate the rich religious sculpture and infer the stories hidden in it.

S.N	THEMES
	• To create a picture album of the Buddhist sculpture.
5	**MONTH- JULY** **THEME -5 THROUGH THE EYES OF TRAVELERS** **LEARNING OBJECTIVES: -** ● Familiarize the learner with the salient features of social histories described by the travellers. ● Discuss how traveller's accounts can be used as sources of social history. ● Familiarise with the accounts of foreign travellers in order to understand the social political and economic life in the medieval period. **SUGGESTIVE TEACHING LEARNING PROCESS** • Think Pair and share the features of social history as narrated by travellers. • Reading the text for knowing the traveller's accounts which is the source of social history. • Narration of the writings of all the travellers. **LEARNING OUTCOME** • To understand salient features of social histories described by the travellers and apply the learning in real life. • Elucidating the accounts of foreign travellers in order to understand the social political and economic life during the tenure of different rulers in the medieval period. • Compare and contrast the perspectives of Al Biruni, Ibn Battuta and Bernier towards Indian society.
6	**MONTH- JULY** **THEME -6 BHAKTI-SUFI TRADITIONS** **LEARNING OBJECTIVES: -** • Familiarize the learner with the religious developments. • Discuss ways of analysing devotional literature as sources of history. • Understand the religious developments during medieval period. • Understand the religious movement in order and its impact. **SUGGESTIVE TEACHING LEARNING PROCESS** • Use chronological order to track the developments. • Venn diagram to make comparison of different religious movements. • Group discussion on the value impact. **LEARNING OUTCOME:** • Understand the religious developments. • Summarize the philosophies of different Bhakti and Sufi saints to understand the religious developments during medieval period. • Comprehend the religious movement in order to establish unity, peace harmony and brotherhood in society

S.N	THEMES
7	**MONTH- AUGUST** **THEME -7 AN IMPERIAL CAPITAL: VIJAYANAGARA** **LEARNING OBJECTIVES: -** • Acquaint the learner with the buildings monuments that were built during the time. • To examine the 'excerpts or the sources more closely and discuss the ways in which architecture can be analysed to reconstruct history. • Analyse city planning, water management system, administration of the rulers with the help of literary accounts of foreign traveller's and architectural evidence. **SUGGESTIVE TEACHING LEARNING PROCESS** • Visit museums attached to archaeological sites. • To learn about the nature, characteristics and significance of archaeological artefacts, historical monuments which could be of political, social, or religious significance. • View documentary Videos and observe Pictures on architecture. • Graphic organisers to make comparison of the study reports. **LEARNING OUTCOME:** • Students will be able to Classify the distinctive architectural contributions of the Vijayanagar empire to comprehend the richness of mingled cultures of deccan India. • Analyse accounts of foreign traveller's on Vijayanagar in order to interpret political, social and cultural life of the city. • Assess and appreciate the city planning, water management system, administration of the rulers.
	REVISION
	HALF YEARLY EXAM- THEME -1,2,3,4,5, 6& 7
8	**MONTH- AUGUST** **THEME -8 PEASANTS ZAMINDARS AND THE STATE** **LEARNING OBJECTIVES: -** • Engage the students to discuss the developments in agrarian relations. • Discuss how to supplement official documents with other sources. • Elaborate the agrarian changes occurred during sixteenth and seventeenth centuries. • Explain the changes and differences in the agrarian sectors. **SUGGESTIVE TEACHING LEARNING PROCESS** • Group discussion on the agrarian development and impact. • Create a Venn diagram or a table and compare the changes during the 16th and 17th century, • Debate on the differences in the sector and arrive on the impact. **LEARNING OUTCOME** • Comprehend the facets of agrarian developments in order to understand the relationship between the state and the agriculture during Mughal period.

S.N	THEMES
	• Compare and contrast the agrarian changes occurred during sixteenth and seventeenth centuries. • Make a table and bring out the differences in the agrarian sector.
9	**MONTH- SEPTEMBER** **THEME -9 COLONIALISM AND THE COUNTRY SIDE** **LEARNING OBJECTIVES: -** • Discuss how colonialism affected zamindars, peasants and artisans. • Explain the revenue systems introduced by the British to Comprehend the problems and limits of using official sources for understanding the lives of the people. • Discuss about the types of records and reports maintained by the rural society. • Understand the divergent interest of the British in the society and on the Indians. **SUGGESTIVE TEACHING LEARNING PROCESS** • Discussion and deliberation on the colonialism and revenue system. • List the problems for understanding the lives of the people. • Classify the records and reports. **LEARNING OUTCOME:** • Evaluate the revenue systems introduced by the British to understand the economic aspects of colonization in India. • Analyse the colonial official records& reports to understand the divergent interest of British and Indians. • Find solution to be taken to protect the peasants and artisans in this century.
10	**MONTH- OCTOBER** **THEME -10 REBELS AND THE RAJ.** **LEARNING OBJECTIVES:-** • Discuss how the events of 1857 are being interpreted. • Discuss how visual material can be used by historians to narrate events. • Understand the planning and execution of the plan. • Highlight the united contribution made by the Indian soldiers. **SUGGESTIVE TEACHING LEARNING PROCESS** • Movie or video watching on events of 1857 followed by discussion. • Problem solving method to question the events and suggest actions. **LEARNING OUTCOME:** • To examine the events of 1857. • Correlate the Planning and coordination of the rebels of 1857 to infer its domains and nature. • Examine the momentum of the revolt to understand its spread. • Analyse how revolt created vision of unity amongst Indians. • Interpret visual images to understand the emotions portrayed by the nationalist and British.

S.N	THEMES
11	**MONTH- OCTOBER & NOVEMBER** **THEME -11 MAHATMA GANDHI AND THE NATIONALIST MOVEMENT** **LEARNING OBJECTIVES: -** • To acquaint the learner with significant elements of the Nationalist movement and the nature of Gandhian leadership • Discuss how Gandhi was perceived by different groups. • Examine how historians need to read and interpret newspapers diaries and letters as a historical source. • Throw light on nationalism and patriotism. **SUGGESTIVE TEACHING LEARNING PROCESS** • Collaborate and create. a timeline of the movement. • Making a collage of events. individuals, and institutions under the Gandhian leadership. • Doing a Project on historical source such as newspapers, biographies and auto- biographies diaries and letters. **LEARNING OUTCOME:** • Understand the nationalist movement in chronological order. • Correlate the significant elements of the nationalist movement and the nature of ideas, individuals, and institutions under the Gandhian leadership. • Debate on the significant contributions of Gandhi to understand his mass appeal for nationalism. • Explore the ways of interpreting historical source such as newspapers, biographies and auto-biographies diaries and letters.
12	**MONTH- NOVEMBER** **THEME -12 FRAMING THE CONSTITUTION (THE BEGINNING OF NEW ERA)** **LEARNING OBJECTIVES: -** • Discuss how the founding ideals of the new nation state were debated and formulated. • Understand how such debates and discussions can be read by historians. • Discuss the other countries constitution and compare. • Explain the salient features of our constitution. **SUGGESTIVE TEACHING LEARNING PROCESS** • Mock session of the assembly to debate and discuss the ideals. • Use sources & case studies for a Group discussion. **LEARNING OUTCOME** • Highlight the role of Constituent Assembly to understand functionaries in framing the constitution of India. • Analyse how debates and discussions around important issues in the Constituent Assembly shaped our Constitution.
13	DECEMBER -REVISION- PART-1, PART-2 & PART-3 & (MAP WORK ALL UNITS)
14	PREBOARD EXAM-DECEMBER - INCLUDE ENTIRE SYLLABUS.
15	Project Work Will be Assigned in the beginning of the Session
16	WEITAGE OF MARKS: - Part- I (25) + Part-II (25) + Part-III (25) +MAP (5) =80

POLITICAL SCIENCE 2024-25

PRESCRIBED BOOKS-

A. CONTEMPORARY WORLD POLITICS (NCERT)

B. POLITICS IN INDIA SINCE INDEPENDENCE(NCERT)

SL NO	MONTHS	PART A	PART B
1	APRIL	Ch 1-The End of Bio polarity	Ch1- Challenges of Nation Building Ch 2- Era of One Party Dominance
2	MAY	Ch 2- Contemporary Centers of Power -	Ch 3- Politics of Planned Development
3	JUNE	Ch 3- Contemporary South Asia	-
4	JULY	Ch 4- International Organizations Ch 5- Security in the Contemporary World	Ch 4- India's External Relations
5	AUGUST	Ch 6- Environment and Natural Resources'	Ch 5- Challenges to and Restoration of the Congress System Ch 6- The Crisis of Democratic Order
6	SEPTEMBER	REVISION FOR 1st TERM	Ch 7- Regional Aspirations
7	OCTOBER	Ch 7- Globalizations	
8	NOVEMBER		Ch 8- Recent Developments in Indian Politics
9	DECEMBER	PRE-BOARD	

CHAPTER WISE MARK DISTRIBUTION

BOOK I

SL.NO	CHAPTER	MARKS	TERM 1
1	The End of Bio polarity	6	8
2	Contemporary Centers of Power	6	8
3	Contemporary South Asia	6	8
4	International Organizations	6	8
5	Security in the Contemporary World	6	8
6	Environment and Natural Resources'	6	
7	Globalizations	4	

BOOK 2

SL.NO	CHAPTER	MARKS	TERM 1
1	Challenges of Nation Building	6	8
2	Era of One Party Dominance	4	5

SL.NO	CHAPTER	MARKS	TERM 1
3	Politics of Planned Development	2	3
4	India's External Relations	6	7
5	Challenges to and Restoration of the Congress System	4	5
6	The Crisis of Democratic Order	4	5
7	Regional Aspirations	6	7
8	Recent Developments in Indian Politics	8	

Pattern And Marking Scheme of Question Paper

SECTIONS	Weightage
SECTION A- MCQs	12
SECTION B- VSA	12
SECTION C – SHORT ANSWER TYPE	20
SECTION D – PASSAGE, CARTOON, AND MAP BASED QUESTIONS	12
SECTION E- LONG ANSWER TYPE QUESTIONS	24
TOTAL MARKS	80

SUBJECT- GEOGRAPHY

PRESCRIBED BOOKS-

1. FUNDAMENTALS OF HUMAN GEOGRAPHY(NCERT)

2. INDIA- PEOPLE AND ECONOMY (NCERT)

3. PRACTICAL WORK IN GEOGRAPHY PART 2(NCERT)

MONTH	BOOK 1	BOOK 2	PRACTICAL WORK
APRIL	**UNIT 1** 1. HUMAN GEOGRAPHY- NATURE AND SCOPE **UNIT 2** 1. THE WORLD POPULATION DENSITY DISTRIBUTION AND GROWTH	**UNIT 1** 1. POPULATION DISTRIBUTION DENSITY GROWTH AND COMPOSITION	NIL
MAY	**UNIT 2** 2. HUMAN DEVELOPMENT	**UNIT 2** 1. HUMAN SETTLEMENT	NIL
JUNE	**UNIT 3** 1. PRIMARY ACTIVITIES 2. SECONDARY ACTIVITIES	**UNIT 3** 1. LAND AND AGRICULTURE	DATA- ITS SOURCES AND COMPILATION
JULY	**UNIT 3** 3. TERTIARY AND QUARTERNERY ACTIVITIES	**UNIT 3** 2. WATER RESOURCES 3. MINERAL AND ENERGY RESOURCES	DATA PROCESSING
AUGUST	**UNIT 3** 4. TRANSPORTATION, COMMUNICATION AND TRADE	**UNIT 3** 4. PLANNING AND SUSTAINABLE DEVELOPMENT IN INDIA	GRAPHICAL REPRESENTATION OF DATA
SEPTEM-BER	REVISION + TERM 1	REVISION + TERM 1	SPATIAL INFORMATION TECHNOLOGY
OCTOBER	**UNIT 3** 5. INTERNATIONAL TRADE	**UNIT 4** 5. TRANSPORT AND COMMUNICATION 6. INTERNATIONAL TRADE	NIL
NOVEM-BER	REVISION	**UNIT 5** 1. GEOGRAPHICAL PERSPECTIVE ON SELECTED ISSUES AND PROBLEMS	NIL
DECEMBER	REVISION + PRE-BOARDS	REVISION + PRE-BOARDS	NIL

OVERALL PATTERN OF THE QUESTION PAPER

TYPE OF QUESTION	MARKS	NUMBER OF QUESTIONS	TOTAL MARKS
MULTIPLE CHOICE QUESTIONS	1 mark each	17	1 x 17= 17m
SOURCE BASED QUESTIONS	3 marks each	2	3 x 2 = 6m
SHORT ANSWER QUESTIONS	3 marks each	4	3 x 4 = 12m
LONG ANSWER QUESTIONS	5 marks each	5	5 x 5 = 25m
MAP	1 mark each	10	1 x 10 = 10m

BLUE PRINT FOR TERM 1 / HALF YEARLY EXAMINATION (CLASS XII)

BOOK 1: FUNDAMENTALS OF HUMAN GEOGRAPHY

BOOK 2: INDIA- PEOPLE AND ECONOMY

CHAPTERS	1marks (MCQ)	3 marks (source-based)	3 marks (short answer)	5 marks (long ans)	MAP (10 marks)	TOTAL
HUMAN GEOGRAPHY	4	--	1	--	--	7 marks
THE WORLD POPULATION	1	1	1	--	--	7 marks
HUMAN DEVELOPMENT	2	--	--	1	--	7 marks
PRIMARY ACTIVITY	4	--	--	1	5	14 marks
POPULATION DISTRIBUTION	1	--	--	1	1	7 marks
HUMAN SETTLEMENT	--	1	1	--	--	6 marks
LAND AND AGRICLTURE	1	--	--	1	1	7 marks
WATER RESOURCE	3	--	1	--	--	6 marks
MINERAL AND ENERGY RESOURCE	1	--	--	1	3	9 marks
TOTAL	1 x 17 = 17 m	3 x 2 = 6m	3 x 4 = 12m	5 x 5 = 25m	1 x 10 = 10m	70

CHAPTERS FOR HALF YEARLY

BOOK 1

- HUMAN GEOGRAPHY NATURE AND SCOPE
- THE WORLD POPULATION DENSITY SIDTRIBUTION AND GROWTH
- HUMAN DEVELOPMENT
- PRIMARY ACTIVITIES

BOOK 2

- POPULATION DISTRIBUTION DENSITY GROWTH AND COMPOSITION
- HUMAN SETTLEMENT
- LAND AND AGRICULTURE
- WATER RESOURCE
- MINERAL AND ENERGY RESOURCES

BLUE PRINT FOR TERM 2 / PRE BOARDS (XII)

BOOK 1 : FUNDAMENTALS OF HUMAN GEOGRAPHY

CHAPTERS	1 marks (MCQ)	3 marks (source based)	3 marks (short ans)	5 marks (long ans)	MAP (5 marks)	TOTAL
HUMAN GEOGRAPHY	--	--	1	--	--	3 marks
THE WORLD POPULATION	1	--	1	--	--	4 marks
HUMAN DEVELOPMENT	1	1	--	--	--	4 marks
PRIMARY ACTIVITIES	--	--	--	1	2	7 marks
SECONDARY ACTIVITIES	2	--	--	--	--	2 marks
TERTIARY AND QUARTERNERY ACTIVITIES	--	--	1	--	--	3 marks
TRANSPORTATION AND COMMUNICATION	1	--	--	1	3	9 marks
INTERNATIONAL TRADE	3	--	--	--	--	3 marks
TOTAL	8 x 1=8m	1x3=3m	3 x 3= 9	5 x 2= 10	5 marks	35

BLUE PRINT FOR TERM 2/ PRE BOARDS (XII)

BOOK 2: INDIA- PEOPLE AND ECONOMY

CHAPTERS	1 marks (MCQ)	3 marks (source based)	3 marks (short ans)	5 marks (long ans)	MAP (5 marks)	TOTAL
POPULATION DISTRIBUTION	--	--	--	1	1	6 marks
HUMAN SETTLEMENT	--	--	1	--	--	3 marks
LAND AND AGRICULTURE	3	--	--	--	1	4 marks
WATER RESOURCES	3	--	--	--	--	3 marks
MINERAL AND ENERGY RESOURCES	--	1	--	--	2	5 marks
PLANNING AND SUSTAINABLE DEVELOPMENT	1	--	--	--	--	1 marks
TRANSPORT AND COMMUNICATION	--	--	--	1	--	5 marks
INTERNATIONAL TRADE	2	--	--	--	1	3 marks
GEOGRAPHICAL PERSPECTIVE	--	--	--	1	--	5 marks
TOTAL	9 x 1= 9m	1 x 3= 3m	1 x 3= 3m	3 x 5= 15m	5m	35

SUBJECT – PHYSICAL EDUCATION (048)

MONTHLY SYLLABUS FOR CLASS XII (24-25)

UNIT	UNIT NAME	MONTH	NO OF PERIODS
UNIT – 1	MANAGEMENT OF SPORTING EVENT.	APRIL & MAY	15
UNIT – 2	CHILDREN AND WOMEN IN SPORTS.	APRIL & MAY	12
UNIT – 3	YOGA AND PREVENTIVE MEASURE FOR LIFESTYLE DISEASE.	JUNE & JULY	12
UNIT – 4	PHYSICAL EDUCATION AND SPORTS FOR (CWSN).	JUNE & JULY	13
UNIT – 5	SPORTS AND NUTRITION.	AUGUST	12
UNIT – 6	TEST AND MEASUREMENT IN SPORTS.	AUGUST	13
UNIT – 7	PHYSIOLOGY AND INJURIES IN SPORTS.	SEPTEMBER	13
UNIT – 8	BIOMECHANICS AND SPORTS.	SEPTEMBER	18
UNIT – 9	PSYCHOLOGY AND SPORTS.	OCTOBER	12
UNIT – 10	TRAINING IN SPORTS.	NOVEMBER	15
	REVISION	DECEMBER & JANUARY	
	PRACTICAL (03)		56