

SUBJECT : ENGLISH CORE

SUBJECT CODE : 301

Unit No	Name of the Chapter/Unit	Marks
01	Reading Skills <ul style="list-style-type: none"> • Unseen passage to assess comprehension • Unseen case-based passage 	22
02	Creative Writing Skills <ul style="list-style-type: none"> • Notice • Invitation • Letter writing • Report writing and Article writing 	18
03	Literature Text Book and Supplementary Reading Text <ul style="list-style-type: none"> • Flamingo • Vistas 	40
	Total	80
01	Internal assessment <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<p>Unit-III: Calculus</p> <p>1. Continuity and Differentiability Continuity and differentiability, chain rule, derivative of inverse trigonometric functions, like $\sin^{-1}x$, $\cos^{-1}x$ and $\tan^{-1}x$, 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.</p> <p>2. Applications of Derivatives Applications of derivatives: rate of change of quantities.....(continued).</p>
MAY, JUNE	<p>Unit-III: Calculus</p> <p>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).</p> <p>Unit-I: Relations and Functions</p> <p>1. Relations and Functions Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions.</p> <p>2. Inverse Trigonometric Functions Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions</p>
JULY, AUGUST	<p>Unit-II: Algebra</p> <p>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).</p> <p>2. Determinants Determinant of a square matrix (up to 3×3 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> <p>Unit-III: Calculus</p> <p>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.</p>

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

BLUE PRINT OF FIRST TERMINAL EXAMINATION'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	13 (6Q)
	TOTAL	20Q	05Q	06Q	03Q (CASE STUDY)	04Q	80 (38Q)

SUBJECT - PHYSICS

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)	$16 \times 1 = 16$
Section-B	5 Questions	$5 \times 2 = 10$
Section-C	7 Questions	$7 \times 3 = 21$
Section-D	2 Case Study Based Questions	$2 \times 4 = 8$
Section-E	3 Long Answer Questions	$3 \times 5 = 15$

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

SUBJECT : CHEMISTRY (THEORY)

Syllabus : Chemistry (Practical)

Term-I

Months:	
APRIL : 1. Solutions	Volumetric Analysis KMnO_4 Vs Mohr salt Volumetric Analysis KMnO_4 Vs Oxalic acid
May : 2. Electrochemistry	Detection of Ammonium cation & Carbonate anion. Detection of Lead cation & Acetate anion.
June : 3. Chemical kinetics	Detection of Copper cation & Chloride anion. Detection of Lead cation & Nitrate anion
July : 4. d and f blocks elements 5. Coordination compounds	Detection of Aluminium cation & Sulphate anion. Detection of Iron(II) cation & Chloride anion Detection of Nickel cation & Nitrate anion.
August : 6. Haloalkenes & Haloarenes	Distinguish between Functional Groups 1. Alcohol, Phenol 2. Aldehyde, ketones 3. Amines, Carboxylic acid
September : 7. Alcohols, Phenols & Ethers	Test for proteins, fats & Carbohydrates Half yearly Examination
Term-II	
October : 8. Aldehydes & Ketones 9. Amines	Detection of Barium cation & Carbonate anion. Detection of Strontium cation & Nitrate anion Detection of Manganese cation & Sulphate anion.
November : 10. Biomolecules	Detection of Magnesium cation & Sulphate anion. Detection of Zinc cation & Carbonate anion.

SUBJECT - BIOLOGY

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	

SUBJECT - 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 Chapter-2: Protein Structure and Engineering Chapter-3: Genomics, Proteomics and Bioinformatics	40
Unit-VI Cell Culture and Genetic Manipulation	Chapter-1: Microbial Cell Culture and its Applications Chapter -2: Plant Cell Culture and Applications Chapter-3: Animal Cell Culture and Applications	30
I	PRACTICAL	30
	TOTAL	100

SUB : COMPUTER SCIENCE WITH PYTHON (083)

MONTH	PORTION
APR	<p>Revision of Python</p> <ul style="list-style-type: none"> Revision of Python topics covered in Class XI. <p>User Defined functions in Python</p> <ul style="list-style-type: none"> Functions : types of function (built in functions, functions defined in module, user defined functions), creating user defined function
MAY	<p>User Defined functions in Python Contd.</p> <ul style="list-style-type: none"> Arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
JUN	<p>Exception Handling</p> <ul style="list-style-type: none"> 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 <p>File handling in Python</p> <ul style="list-style-type: none"> 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 textfile using read().
JUL	<p>File handling in Python Contd.</p> <ul style="list-style-type: none"> Text file contd. : Use readline () and readlines(), seek and tell methods, manipulation of data in a textfile. Binaryfile : 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
AUG	<p>Data Structure in Python</p> <ul style="list-style-type: none"> 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() <p>Data Structure in Python</p> <ul style="list-style-type: none"> DataSet : Stack, operations on stack (push&pop), Implementation of stack using list. Implementation of stack using list& Dictionary.
SEP	<ul style="list-style-type: none"> Revision of First Terminal (Syllabus of Term-1) <p>Database Management</p> <ul style="list-style-type: none"> Database concepts : introduction to database concepts and its need Relational data model : relation, attribute, tuple, domain, degree, cardinality, keys (candidate, primary, alternate, foreign, composite)

OCT	<p>Database Management Contd.</p> <ul style="list-style-type: none"> SQL : Introduction to DDL and DML, data type (char(n), varchar(n), int, float, date), constraints(not null, unique, primarykey), create database, Use database, show database, drop database, show tables, create table, describetable, altertable (add & remove an attribute, add & remove primarykey), 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 etc. 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. <p>Python MySQL Connectivity</p> <ul style="list-style-type: none"> 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
NOV	<ul style="list-style-type: none"> 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, datatransferrate), IPaddress, switchingtechniques (Circuitswitching, Packetswitching) Transmission media : Wired media (Twisted pair, Co-axial, Fiber-optic), Wirelessmedia (Radiowaves, 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), networkingtopologies (Bus, Star, Tree) Networkprotocol : HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP <p>Introduction to web services : WWW, Hyper Text Markup Language (HTML), Extensible MarkupLanguage (XML), domainnames, URL, website, webbrowser, web servers, webhosting</p>

SUBJECT : ECONOMICS FOR SENIOR SECONDARY

SL NO.	UNITS/TOPICS PART A: INTRODUCTORY MACRO ECONOMICS	MARKS	NO OF PERIODS	MONTH
1.	NATIONAL INCOME & RELATED AGGREGATES	Yearly Exam 10 20	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	25	**JUNE (LAST WEEK) + JULY (1 to 15)
5.	DEVELOPMENT EXPERIENCE: A COMPARISON WITH NEIGHBOURS	8 10	12	JULY (16 to 31st)
	CURRENT CHALLENGES FACING INDIAN ECONOMY	20	60	
6.	SUSTAINABLE DEVELOPMENT		15	AUGUST (16TH to 31ST)
7.	REVISION FOR HALF YEARLY EXAM		10	SEPTEMBER (1ST to 10TH)
8.	HUMAN CAPITAL FORMATION	5	15	AUGUST (1ST to 14TH)
9.	RURAL DEVELOPMENT & EMPLOYMENT		20	OCTOBER
	UNITS/TOPICS PART A: INTRODUCTORY MACRO ECONOMICS			
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.

**ECONOMICS FOR SENIOR SECONDARY
BLUE PRINT**

MACRO ECONOMICS(40 marks)							
SL NO.	TOPICS	MARKS	MCQ (1mark each)	VSA (3 marks each)	SA (4 marks each)	LSA (6 marks each)	TOTAL (No. of questions)
1	NATIONAL INCOME AND RELATED AGGREGATES	20	5	1	1	2	9
2.	GOVERNMENT BUDGET	10	2		2		4
3.	BALANCE OF PAYMENT AND FOREIGN EXCHANGE	10	3	1			4
INDIAN ECONOMIC DEVELOPMENT(40 marks)							
1.	INDIAN ECONOMY ON THE EVE OF INDEPENDENCE	10	3		1	1	5
2.	INDIAN ECONOMY 1950-1990	8	1			1	2
3.	INDIAN ECONOMIC REFORM 1991	12	3	2	1		6
4.	COMPARATIVE DEVELOPMENT EXPERIENCE OF INDIA AND ITS NEIGHBOURING COUNTRIES	10	3		1		4

SUBJECT - ACCOUNTANCY (055)

UNIT	NAME	MONTH	SA 1	SA 2
PART A				
1.	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
2.	Accounting for Companies a. Accounting for Share capital (Except forfeiture & Reissue)	August/September	25	24
	HALF YEARLY EXAMINATION (SEPTEMBER)		----	
	Accounting for Companies a. Accounting for Share capital (Forfeiture of) shares and re-issue of shares) b. Accounting for debentures (Issue)	October 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

**HALF YEARLY
BLUE PRINT - ACCOUNTANCY XII**

UNIT	TOPIC/UNIT	(1 Mark)	(3 marks)	(4 marks)	(6 marks)	Total
1	Accounting for Partnership Firms					
	a. Fundamental and Valuation of Goodwill	4	2			10
	b. Change in PSR	3	1			6
	c. Admission of a Partner	5	1		1	14
	d. Retirement and Death of a partner	3		1	1	13
	e. Dissolution of Partnership Firm	2		1	1	12
2	Accounting for Companies					
	a. Accounting for share capital	3	2	1	2	25
Total		1x20	3x6	4x3	6x5	80

**ANNUAL EXAMINATION
BLUE PRINT- ACCOUNTANCY XII**

UNIT	TOPIC/UNIT	(1 Mark)	(3marks)	(4marks)	(6marks)	Total
1	Accounting for Partnership Firm	11	3	1	2	36
2	Accounting for Companies	5	1	1	2	24
3	Analysis of Financial Statement	2	2	1	-	12
4	Cash Flow Statement	2	-	-	1	08
Total		1x20	3x6	4x3	6x5	80

SUBJECT - 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	15
10	Financial Markets	October		
11	Marketing Management	November		
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	REVISION 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)
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)

SUBJECT - 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	

SUBJECT - 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
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
SEPTEMBER	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
NOVEMBER	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 AGRICULTURE	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 DISTRIBUTION 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

विषय : हिंदी

Month	Topics to be Covered	Total Working Days
April	पुस्तक का नाम पाठ विवरण आरोह भाग 2. हरिवंश राय बच्चन आत्म परिचय दिन जल्दी-जल्दी ढलता है महादेवी वर्मा भक्ति अभिव्यक्ति और माध्यम - विभिन्न माध्यमों के लिए लेखन प्रमुख जनसंचार माध्यम	24Days
May	आरोह भाग 21 आलोक धन्वा पतंग जैनेंद्र कुमार बाजार दर्शन अभिव्यक्ति और माध्यम - नए और अप्रत्याशित विषयों परलेखन	10Days
June	आरोह भाग 2 कुंवर नारायण - बात सीधी थी पर धरम वीर भारती काले मेघा पानी दे अभिव्यक्ति और माध्यम - कहानी कविता नाटक और रेडियो नाटक लेखन	12Days
July	आरोह भाग 2- रघुवीर सहाय- कमरे में बंद अपाहिज शमशेर बहादुर सिंह - उषा वितान भाग 2- मनोहर श्याम जोशी - सिल्वर वेडिंग अभिव्यक्ति और माध्यम - पत्रकारिय लेखन के विभिन्न रूप और लेखन प्रक्रिया	26Days
August	आरोह भाग 2- सूर्यकांत त्रिपाठी निरालाजी_ बादल राग फणीश्वर नाथ रेणु,- पहलवान की ढोलक वितान भाग 2- आनंद यादव - जूझ अभिव्यक्ति और माध्यम - विशेष लेखन स्वरूप और प्रकार	25Days
September	आरोह भाग 2- हजारी प्रसाद द्विवेदी - शिरीस के फूल अभिव्यक्ति और माध्यम - समाचार लेखन उल्टा पिरामिड	23Days
October	आरोह भाग2-तुलसीदास कवितावली लक्ष्मण मूर्छा और राम विलाप	18Days
November	आरोह भाग 2- उमाशंकर बाजपेई छोटा मेरा खेत बगुलों के पंख बाबा साहब भीमराव अंबेडकर - श्रम विभाजन और जाति प्रथा मेरी कल्पना का आदर्श समाज वितान भाग 2 ओम थानवी अतीत के दबे पांव	17Days
December	पुनरावृत्ति +प्री बोर्ड	22Days
January		

SUBJECT: INFORMATICS PRACTICES

MONTH	TOPIC	NO. OF HOURS REQUIRED AS PER CBSE GUIDELINES
APRIL, 2024	Informatics Practices – Class XI 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; SYLLABUS FOR UT-1 – REVISION TOUR SERIES CREATION	25 theory + 25 practical periods
MAY, 2024	Head and Tail functions; Selection, Indexing and Slicing.	
JUNE, 2024	Data Frames: creation - from dictionary of Series SYLLABUS FOR UT-2 – SERIES WHOLE CHAPTER DATAFRAME INTRODUCTION AND SIMPLE DATAFRAME CREATION	
JULY, 2024	list of dictionaries, display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Text/CSV files, Importing/Exporting Data between CSV files and Data Frames	
AUGUST, 2024	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.	
SEPTEMBER, 2024	REVISION SYLLABUS FOR TERM-1 COMPLETE CHAPTERS OF SERIES DATA FRAME DATA VISUALIZATION	
OCTOBER, 2024	Unit 2: Database Query using SQL Revision of database concepts and SQL commands covered in class XI 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 (*).	20 THEORY + 17 PRACTICAL PERIODS FOR DATABASE QUERY USING SQL

MONTH	TOPIC	NO. OF HOURS REQUIRED AS PER CBSE GUIDELINES
NOVEMBER, 2024	<p>Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join</p> <p>Unit 3: Introduction to Computer Networks Introduction to networks, Types of network: PAN, LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, W W W, 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.</p> <p>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, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.</p> <p>SYLLABUS FOR UT-3 – Unit 2: DATABASE QUERY USING SQL</p>	12 THEORY PERIODS
DECEMBER, 2024	<p>PRE BOARD EXAM SYLLABUS FOR PRE BOARD WHOLE SYLLABUS OF CLASS-XII</p>	

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

Unit No	Chapter Name	Total Marks Chapter-Wise	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)	11 Questions (20 Marks)
	Data Frames:	35	10(10)	4(8)	4(12)		1(5)	19 Questions (35 Marks)
	Data Visualization	15	2(2)			2(8)	1(5)	5 Questions (15 Marks)
	Total No. of Questions (Marks)	70	18(18)	7(14)	5(15)	2(8)	3(15)	35 Questions (70 Marks)