

BHARATIYA VIDYA BHAVAN , KOCHI YEAR PLAN 2026-2027 STD XI ENGLISH				
MONTH	MAIN TEXT	SUPPLEMENTARY READER	GRAMMAR	WRITING
JUNE (23 days)	L1. The Portrait of a Lady P1. A Photograph	L1. The Summer of the Beautiful White Horse	G1. Tenses	W1. Poster
JULY (25 days)	P2. The Laburnum Top L2. We are not afraid to die...if we can be together (NOT TO BE INCLUDED FOR UT1) L3. Discovering Tut the Saga Continues. (ONLY FOR GROUP ACTIVITY)		G2. Reordering of sentences	W3. Advertisements (Classifieds) Situation Wanted/Vacant For sale/ To Let (NOT TO BE INCLUDED FOR UT1)
UNIT TEST I (27/07/2026 - 03/08/2026)				
AUGUST (16 days)	P3. The Voice of the Rain	L2. The Address		R1. Note Making W2. Speech
SEPTEMBER (22 days)	P4. Childhood	L4. Birth		
OCTOBER (22 days)		L3. Mother's Day (NOT TO BE INCLUDED FOR TERM END EVALUATION)	G3. If Clauses (NOT TO BE INCLUDED FOR TERM END EVALUATION)	
TERM END EVALUATION (28/9/2026- 9/10/2026)				
NOVEMBER (23 days)	L4.The Adventure P5.Father to Son		G4. Reordering of sentences	

DECEMBER (19 days)	L5. Silk Road (NOT TO BE INCLUDED FOR UT 2)			W3. Advertisements (Classifieds) Automobile Missing Lost and Found Educational Institution Travel and Tours
UNIT TEST II (14/12/2026 - 21/12/2026)				
JANUARY (21 days)		L5. The Tale of Melon City	G5. Transformation of sentences	Debate
FEBRUARY (22 days)	REVISION			
FINAL EXAMINATION (15/02/2027 -26/02/2027)				

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA			
YEAR PLAN FOR THE ACADEMIC YEAR 2026-27			
CLASS XI-ACCOUNTANCY			
MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Introduction to Accounting	1.1 Meaning of accounting	Accounting-concept, meaning, advantages and limitations, and role of accounting in business.
		1.2 Accounting as a source of Information	As a source of information, Types of Accounting information and their needs, Users of accounting information. Qualitative characteristics of accounting information
		1.3 Objectives of accounting	Maintenance of Records of Business Transaction Calculation of Profit and Loss Depiction of Financial position Providing Accounting Information to its users.
		1.4 Basic terms in accounting	Entity, Business Transaction, Capital, Drawings\Liabilities (Non-Current and Current). Assets (Non-Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)
JUNE/ JULY	Theory Base of Accounting	2.1 Generally Accepted Accounting Principles	Fundamental accounting assumptions: Concept
		2.2 Basic Accounting Concepts	Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, Materiality and Objectivity

		2.3 Systems of Accounting	Meaning
		2.4 Basis of accounting	Cash basis and Accrual Basis
		2.5AccountingStandards	Applicability of Accounting Standards (AS) and Indian Accounting Standards (Ind AS)
		2.6 Goods and Services Tax (GST)	Characteristics and Advantages.
JULY	Recording of Business Transactions	3.1 Voucher and Transactions	Source documents and Vouchers, Preparation of Vouchers
		3.2 Accounting Equation Approach	Meaning and Analysis.
UNIT TEST I- 27 JULY - 3 AUGUST			
AUGUST/ SEPTEMBER	Recording of Business Transactions	3.3 Rules of Debit and Credit.	TraditionalandModern Approach
		3.4 Books of Original Entry	Journal with GST
	Recording of Business Transactions	4.1Cash Book	Simple cash book, cashbook with bank column and petty cashbook
		4.2 Special Purpose Books	Purchases book, sales book, Purchases return book, sales return book and Journal proper
			Note: Including trade discount, freight and cartage expenses for simple GST calculation.
SEPTEMBER	Recording of Business Transactions	4.3 Ledger	Format, posting from journal and subsidiary books, Balancing of accounts
	Recording of Business Transactions	5.1Trial balance	Trial balance: objectives, meaning and preparation (Scope: Trial balance with balance method only)
TERM END EVALUATION - 28 SEPTEMBER - 9 OCTOBER			

OCTOBER	Rectification of errors	5.2 Rectification of Errors	Errors: classification errors of omission, commission, principles, and compensating; their effect on Trial Balance. Detection and rectification of errors Preparation of suspense account.
OCTOBER/ NOVEMBER-	Bank Reconciliation Statement	6.1 Bank Reconciliation Statement	Need and preparation, Bank Reconciliation Statement
	Depreciation, Provisions and Reserves	7.1 Depreciation	Depreciation: Meaning, Features, Need, Causes, factors · Other similar terms: Depletion and Amortisation. Methods of Depreciation: i. Straight Line Method (SLM) ii. Written Down Value Method (WDV) Note: Excluding change of method · Difference between SLM and WDV; Advantages of SLM and WDV · Method of recording depreciation I. Charging to asset account ii. Creating provision for depreciation/accumulated depreciation account, Treatment of disposal of asset.
		7.2 Provisions and Reserves	Meaning, Difference Between Provisions and Reserves. Types of Reserves: i. Revenue reserve ii. Capital reserve iii. General reserve iv. Specific reserve v. Secret Reserve vi. Difference between capital and revenue reserve
UNIT TEST II - 14 DECEMBER - 21 DECEMBER			

DECEMBER/ JANUARY	Financial Statements	8.1 Preparation of financial statements without adjustments	Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue Expenditure. Opening journal entry. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net-profit. Preparation Balance Sheet: need, grouping and marshalling of Assets and liabilities. Preparation.
		8.2 Preparation of financial statements with adjustments	Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, goods taken for personal use/staff welfare, interest on capital and manager’s commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.
JANUARY- FEBRUARY	Accounts of Incomplete Records	9.1 Incomplete Records	Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method (excluding conversion method)
FEBRUARY	REVISION		
FINAL EXAMINATION- 15 FEBRUARY TO 26 FEBRUARY			

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA			
YEAR PLAN FOR THE ACADEMIC YEAR 2026-27			
CLASS XI - BUSINESS STUDIES (054)			
MONT	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	NATURE AND PURPOSE OF BUSINESS	1.1 Introduction	History of Trade and Commerce in India,Indigenous Banking System, Rise of Intermediaries,Transport, Trading Communities: Merchant Corporations, Major Trade Centres, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy.
		1.2 Business	Meaning of business with special reference to economic and non-economic activities,characteristics of business, concept of business, profession and employment. comparison of business, profession and
		1.3 Classification of business activities	Industry and commerce, Industry- types: Primary, secondary, tertiary: Meaning and subgroups , Commerce -role of commerce, Trade and Auxiliaries to trade.
		1.4 Objectives of business	Objectives of business- Economic & Social, Examine role of profit in
		1.5 Business Risk	Concept, nature and causes
JUNE-JULY	FORMS OF BUSINESS ORGANISATION	2.1 Introduction	Introduction
		2.2 Sole proprietorship	Concept, merits and limitation
		2.3 Joint Hindu Family Business	Concept
		2.4 Partnership	Concept, types, merits and limitation of partnership, Registration of a partnership firm, Partnership Deed.Types of partners .
		2.5 Cooperative society	Concept, merit and limitation and types of co- operatives.
		2.6 Joint Stock Company 2.6.1 Formation of company	Concept, merits, and limitations, types- private, public and One person company. Comparison of types of companies. Formation of a company - stages, important documents to be used in formation of a company.
		2.7 Choice of form of business organisation	Distinguish between various forms of business organisations. Choice of form of business organisation
UNIT TEST - I (25 MARKS) JULY 27-AUGUST 3			

AUGUST	PRIVATE, PUBLIC AND GLOBAL ENTERPRISE	3.1 Introduction	Introduction
		3.2 Private Sector and Public sector	Concept
		3.3 Forms of Public Sector Enterprises.	Departmental Undertakings, Statutory Corporations and Government Company.Features, merits and limitations of different forms of public sector enterprises
		3.5 Global Enterprises	Meaning and features.
		3.6 Joint Ventures	Meaning and features.
		3.7 Public,Private partnership	Meaning and features.
AUGUST	BUSINESS SERVICES	4.1 Introduction	Introduction
		4.2 Nature of Services	Nature of services
		4.3 Types of business services	Meaning and types
		4.4 Banking	Types of bank accounts- savings, current, recurring, fixed deposit and mutiple option deposit account, banking services - Bank Draft, Bank overdraft, cash credit, E- banking: meaning, types of digital payments
		4.5 Insurance	Principles and types- Life, Health, Fire and Marine - Concept
		4.6 postal services	Postal services- Mail,Registered post, parcel, speed post, courier.-
AUGUST/ SEPTEMBER	SOCIAL RESPONSIBILITIES OF BUSINESS AND BUSINESS ETHICS	6.1 Introduction	Introduction
		6.2 Concept of Social Responsibility	Concept
		6.3 Arguments for social responsibility	Case of social responsibilty
		6.4 Social responsibilty towards different interest groups	Social responsibilty towards different interest groups- owners, investors, consumers, employees, government and community
		6.5 Business and environmental protection	Role of business in environment protection
		6.6 Business Ethics	Concept and elements
TERM END EVALUATION (MARKS 80) SEPTEMBER 28- OCTOBER 9			
SEPTEMBER/OCTOBER	EMERGING MODES OF BUSINESS	5.1 Introduction	Introduction
		5.2 E-business	Concept and Scope.Distinguish between E-business and Traditional business
		5.3 Benefits of E-Business	Benefits of E-business

OTOBER /NOVEMBER	SOURCES OF BUSINESS FINANCE	7.1 Introduction	Introduction
		7.2 Meaning, nature and significance of	Meaning, nature and importance of business finance
		7.3 Sources of finance	Owners’ funds- equity shares, preference share, retained earnings. Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD) (meaning only).Distinguish between owner's funds and borrowed funds
NOVEMBER /DECEMBER	SMALL BUSINESS AND ENTERPRISE S	8.1 Entrepreneurship Development	Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship- Concept
		8.2 Small scale enterprises	Meaning,MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act)
		8.3 Role of small business in India with special	Role of small business in India with special reference to rural areas
		8.4 Government schemes and agencies for small scale industries	National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas
UNIT TEST - 2 (25 MARKS) DECEMBER 14-21			
DECEMBER/ JANUARY	INTERNAL TRADE	9.1 Internal trade	Meaning and types
		9.2 wholesale trade	Services rendered by a wholesaler.
		9.3 Retail Trade	Services rendered by a retailer, Types of retail- trade-Itinerant and small scale fixed shops retailers, Large scale retailers-Departmental stores, chain stores and Mail order business – concept and features.
		9.4 Goods and Services Tax	Concept and features.
JANUARY/ FEBRUARY	INTERNATIO NAL TRADE	10.1 International Trade	Concept, benefits and scope.
		10.2 Export Trade	Meaning, Procedure and objectives.
		10.3 Import Trade	Meaning, Procedure and objectives.
		10.4 Documents involved in International	Indent, letter of credit, shipping order, shipping bills, mate’s receipt
		10.5 World Trade Organisation	Meaning and objective
FINAL EVALUATION (80 MARKS) FEBRUARY 15-26			

BHARATIYA VIDYA BHAVAN, KOCHI	
YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027	
STD XI ECONOMICS	
MONTH	TOPIC
JUNE	1. Introduction to Statistics
	1. Introduction to Micro Economics
	2. Collection of data
JULY	2. Consumer's Equilibrium
	3. Organization of data
AUGUST	4. Demand
	4. Presentation of Data
SEPTEMBER	5. Measures of central tendency: mean (simple), median and mode
	5. Producer Behaviour and Supply (Cost, Revenue & Production Fn)
OCTOBER / NOVEMBER	6. Producer Behaviour and Supply (Producers equilibrium & SS)
NOVEMBER	6. Correlation

DECEMBER	7. Introduction to Index numbers
JANUARY	7. Perfect Competition - Price Determination and simple applications
FEBRUARY	REVISION / FINAL EXAM

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027

STD : XI Yoga

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
June	PART B: Unit 1: Introduction: Introduction To Yoga and Yogic Practice. Unit.1.1 - Yoga Etymology, definition, aim , objective and misconception Unit 1.2- Yoga Origin , History and Development PART A:Unit 1 : Communication Skills-III	Unit 1.1: Introduction and Definition	Students will be able to discribe the common yoga terms and explain the meaning of common terminology of yoga
		What is Yoga?	
		Common Terminology Used in Yoga?	
		Misconceptions about Yoga?	
		Unit : 1.2 - Yoga Origin, History and Development	Understanding how and where yoga originate. How yoga is speread globaly
		Histiry and Evolution of Yoga	
		Journey of Yoga from India to the World	
		Contribution of Yoga Gurus in spreading Yoga	
		Unit 1 : Communication Skills-III:	Unit 1 : Communication Skills-III:
		Session 1: Introduction to Communication Session 2: Verbal Communication	Types of communication, Communication styles
		Session 3: Non-verbal Communication Session 4: Pronunciation Basics	
		Session 5: Communication Styles — Assertiveness Session 6: Saying No — Refusal Skills	Unit 2: Unlocking your Future in AI:

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027
STD : XI Yoga

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
July	PART B: Unit 1: Introduction: Introduction To Yoga and Yogic Practice. Unit 1.5 - Introduction of Yogya Practise	Unit 1.3- Rules and Regulations to be followed by Yoga Practioners	Students understant the basic rules and disipline of yoga
		Unit 1.4- Introduction to major Schools of Yogas	Understanding different types of yoga helps students stay foccus calm do better in their studies and their life
		Unit 1.5- Sukshama Vyayam, Surya Namaskar and Asanans	Helps to stimualte all Endocrine glands , improve joint, flexibility and blood circulation
	PART A: Unit 1 : Communication Skills-III Writing skills, communication skills.	Unit 1 : Communication Skills-III Writing skills, communication skills.	
		Non-technical explanation of deep learning PART A Unit 1 : Communication Skills-III Session 7: Writing Skills — Parts of Speech Session 8: Writing Skills — Sentences Session 9: Greetings and Introduction Session 10: Talking about Self	Communication Skills-III Writing skills, communication skills.
		Session 11: Asking Questions Session 12: Talking about Family	
		Session 13: Describing Habits and Routines Session 14: Asking for Directions	

"Unit Test I Starts:27-7-2026

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YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027

STD : XI Yoga

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
August	PART B: Unit 2 : Introduction to Yoga Texts	Unit 2.1 - Introduction and study of Patanjali Yoga Sutra including memorisation of selected Sutra	
		Patanjali Yoga Suturas	*Mental Clarity * Stress Management *Ethical Living *Concentration and confidence
		Overview of Yoga Sutras	*Samadhi Pada *Sadhana Pada*Vibhuti Pada*Kaivalya Pada
		Ashtanga Yoga	Eight Limbs of Yoga
		Yoga Principle	
		Meaning of Yoga Principle	Yama - Be good to others Niyama - Be good to yourself - These help students become better people , both inside and outside
	PART A: Unit 2 : Self-Management Skills-III	Unit 2 : Self-Management Skills-III Session 1: Strength and Weakness Analysis Session 2: Grooming	Unit 2 : Self-Management Skills-III Self Awareness, Importance of working in team
		Session 3: Personal Hygiene Session 4: Team Work Session 5: Networking Skills Session 6: Self-motivation Session 7: Goal Setting Session 8: Time Management	

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YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027
STD : XI Yoga

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
September	PART B: Unit 2 : Introduction to Yoga Texts	PART B: Unit 2.2 Introduction and study of Bhagavad Gita including memorization of selected Slokas	Bhagavad Gita is a spiritual scripture that imparts ethical values self discipline and inner stength it guides students to distinguish right from wrong , promoting dharma
		PART A: Unit 3: Information and Communication Technology Skills-III	
	PART A: Unit 3: Information and Communication Technology Skills-III	Session 1: Introduction to ICT	Technology Skills-III

"Term End Evaluation 1

9/28/2026

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YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027
STD : XI Yoga

		PART B: Unit 2.3: INTRODUCTION OF HATHA PRADPIKA UNIT 2.4; INTRODUCTION AND STUDY OF GHERANDA SAMHITA	
		PROJECT(Practical only) Design Thinking Empathy Map Sustainable	Hatha yoga pradpika illuminates various aspects of an individual like physical,mental and spiritual. Gheranda samhita purifies the whole psycho , physical unit of body.
		PART A: Unit 4 : Entrepreneurial Skills-III	
		Session 1: Introduction to Entrepreneurship	
		Session 2: Values of an Entrepreneur	
	PART B: Unit 2: INTRODUCTIO N TO YOGA TEXTS - 1	Session 3: Attitude of an Entrepreneur	
October	PART A: Unit 4 : : Entrepreneuria I Skills-III	Session 4: Thinking Like an Entrepreneur	
		Session 5: Coming Up with a Business Idea	Unit 4 : Entrepreneurial Skills-III Functions and qualities of an entrepreneur
		Session 6: Understanding the Market	
		Session 7: Business Planning	

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STD : XI Yoga

November	PART B: UNIT 3 - YOGA FOR HEALTH PROMOTION(MAINTAIN HEALTH SAFETY AT WORK PLACE)	PART B: UNIT 7 3.1- Brief introduction to human body 3.2 - Role of yoga for health promotion 3.3 - Yogic attitudes and practices	1. Children will be able to understand how our body works 2. How our body stay healthy 3. How to treat diseases
	PART A: Unit 5 : Green Skills-III	Session 1: Sectors of Green Economy	Unit 5 : Green Skills-III
		Session 2: Policies for a Green Economy	Green economy initiatives
		Session 3: Stakeholders in Green Economy	Importance of green economy
		Session 4: Government and Private Agencies	

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STD : XI Yoga

December		PART B	
		Holistic approach of yoga towards the health and diseases	Children will be aware of yogic diet
		• Introduction to yoga diet	Children will be aware of yogic diet
		• Dincharya and ritucharya with respect of yogic life style	Children understand yoga is not just a set of physical exercise ,it is a complete lifestyle that helps maintain physical , mental , emotional and sipritual health.
	PART B - UNIT 3- YOGA FOR HEALTH PROMOTION		
UNIT TEST II 14-12-2026			

February	
	Practical Exam (Before February 05)

Final Exam Date: 15-02-2027

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027

STD XI - MATHEMATICS (041)

MONTH	UNIT	TOPIC	SUB TOPICS	CONCEPTS
JUNE	1	SETS	Introduction Sets and their representations Empty set Finite and Infinite sets Equal Sets Subsets Intervals as subsets of R Universal set Operations on sets Complement of a set	Sets and their representations. Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations), Universal set, Venn diagrams, Union and Intersection of sets, difference of sets, complement of sets, properties of complement.
	2	RELATIONS AND FUNCTIONS	Introduction Cartesian product of sets Relations Functions	Ordered pairs , Cartesian product of the sets, Number of elements in the cartesian product of two finite sets, Cartesian product of the set of reals with itself ($\mathbb{R} \times \mathbb{R}$). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions with their graphs. Sum, difference, product and quotient of functions.

JULY	4	COMPLEX NUMBERS & QUADRATIC EQUATIONS	Introduction Complex numbers Algebra of complex numbers Argand plane	Need for complex numbers, especially $\sqrt{-1}$ to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane.
UNIT TEST- I (JULY 27 -AUGUST 3) (Chapters - 1, 2 & 4)				
JULY	5	LINEAR INEQUALITIES (NOT FOR UT1)	Introduction Inequalities Algebraic solutions of linear inequalities in one variable	Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.
AUGUST	3	TRIGONOMETRIC FUNCTIONS	Introduction Angles Trigonometric functions Trigonometric functions of sum and difference of some angles	Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the trigonometric identity $\sin^2 x + \cos^2 x = 1$, for all x . Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$ and their simple applications. Deducing the identities of $\tan(x+y)$, $\tan(x-y)$, $\cot(x+y)$, $\cot(x-y)$, $\sin x + \sin y$, $\sin x - \sin y$, $\cos x + \cos y$, $\cos x - \cos y$. Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$.

SEPTEMBER	8	SEQUENCES AND SERIES	Introduction Sequences Series Arithmetic Mean Geometric progression Relationship between AM and GM	Sequences & Series, Arithmetic Mean (A.M.) Geometric Progression (GP), general term of a G.P, sum of first n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M.
TERM END EVALUATION (SEPT 28 – OCT 9) (Chapters - 1, 2, 3, 4, 5 & 8)				
OCTOBER	6	PERMUTATIONS & COMBINATIONS	Introduction Fundamental principle of counting	Fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of formula for nPr and nCr and their connections, simple applications.
OCTOBER	7	BINOMIAL THEOREM	Introduction Binomial theorem for positive integral indices	Historical perspective, statement and proof of the binomial theorem for positive integral indices., Pascal's triangle, simple applications.
NOVEMBER	9	STRAIGHT LINES	Introduction Slope of a Line Various forms of the equation of a line Distance of a point from a line	Brief recall of two dimensional geometry from earlier classes, Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point- slope form, slope intercept form, two-point form, intercept form. Distance of a point from a line.

NOVEMBER	11	INTRODUCTION TO THREE DIMENSIONAL GEOMETRY	Introduction Coordinate axes and coordinate planes in 3-dimensional space Coordinates of a point in space Distance between two points Section formula	Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points
NOVEMBER	10	CONIC SECTIONS (NOT FOR UNIT TEST II)	Introduction Sections of a cone Circle Parabola Ellipse	Sections of a cone: circle, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.
UNIT TEST- II (DEC 14 – DEC 21) (Chapters – 6,7, 9 & 11)				
DECEMBER	12	LIMITS AND DERIVATIVES (NOT FOR UNIT TEST II)	Introduction Intuitive idea of derivatives Limits Limits of Trigonometric functions Derivatives	Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions. Limits of trigonometric, exponential and logarithmic functions. Definition of derivative, relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.

JANUARY	13	STATISTICS	Introduction Measures of dispersion Range Mean deviation Variance and Standard deviation	Measures of dispersion: Range, mean deviation, variance and standard deviation of ungrouped/grouped data
JANUARY	14	PROBABILITY	Introduction Random experiments Event Axiomatic approach to probability	Events, occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes, probability of an event , probability of 'not' , 'and' and 'or' events.
FEBRUARY	REVISION FINAL EXAMINATION (FEB 15 – FEB 26) ALL CHAPTERS			

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
INFORMATICS PRACTICES(065)
YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027

CLASS: XI

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Unit: 2 Introduction to Python	Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation. comments, input and output statements, data type conversion, debugging.	Python IDE, Python Tokens, Data types, Expressions, Statements, Input and Output, Debugging
JULY	Unit: 2 Introduction to Python	Control Statements: if-else, if-elif-else, while loop	Concept of conditional statement Concept of Iteration

UNIT TEST 1 (27/07/2026 - 03/08/2026) MARKS: 25

TOPICS- Basics of Python programming, Selection statements(loops not included for the exam)

AUGUST	Unit: 2 Introduction to Python	Control Statements: for loop Lists: list operations - creating, initializing, traversing and manipulating lists	Concept of Iteration Concept of List
SEPTEMBER	Unit: 2 Introduction to Python	list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()	Concept of List Concepts of Dictionary : Key-value pair

TERM END EVALUATION (28/9/2026 - 09/10/2026) MARKS: 70
TOPICS- Basics of Python programming, Control statements, Lists

OCTOBER	Unit: 2 Introduction to Python	Dictionary: concept of key-value pair, creating, initializing, traversing, Updating and deleting elements in a Dictionary Dictionary: dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear()	Concept of Dictionary methods and built-in functions.
NOVEMBER	Unit 2: Introduction to Python	Introduction to NumPy: Introduction, Creation of 1-D NumPy Arrays from List Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key, Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language	Concept of Numpy
	Unit 1 Introduction to Computer System	(Not included for exam) Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.	Concepts of Computer System

DECEMBER	Unit 3: Database concepts and the Structured Query Language	Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT (introduction)	Concept of Database and Structured query language, Data types in MySQL, SQL for data definition
UNIT TEST 2 (14/12/2026 - 21/12/2026) MARKS: 25 TOPICS- Dictionary built in functions, Introduction to NumPy, Database concepts and the Structured Query Language ,Introduction to creating database, creating tables. drop . alter) [Data Query- select excluded]			
	Unit 3: Database concepts and the Structured Query Language	Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE	Data insertion, Data Updation and Deletion

JANUARY	Unit 4: Introduction to the Emerging Trends	Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	Artificial Intelligence, Big data and its characteristics, IOT, Cloud Computing and Cloud Services
FINAL EXAMINATION (15/02/2027 - 26/02/2027) MARKS : 70 TOPICS- Introduction to Python programming, Database concepts and the Structured Query, Introduction to the emerging trends			

BHARATIYA VIDYA BHAVAN, KOCHI

YEAR PLAN FOR THE ACADEMIC YEAR 2026-27

SUBJECT: HOME SCIENCE

CLASS: XI

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Chapter 1 Introduction to Home Science	1. Concept of Home Science 2. Field of Home Science 3. Relevance of study of Home Science and career options	1. Definition of Home Science 2. Branches - Food and Nutrition, Human Development, Textiles and Clothing, Resource Management, Community and Extension 3. Importance and scope 4. Multidisciplinary - Combination of Science and Art.
	Chapter 2 - Understanding the Self.	1. Who am I? 2. Development and Characteristics of the Self (Development characteristics and needs of adolescents) 3. Influences on Identity	1. Definition and characteristics of adolescent 2. Biological and physical changes, Socio-cultural context, Emotional changes, Cognitive changes
JULY	Chapter 3 - Food, Nutrition, Health and Fitness	1. Definitions 2. Using Basic food Groups for planning Balanced Diets 3. Dietary patterns in Adolescence	1. Definition of Food, Nutrition, Nutrients, Balanced diet, RDA 2. Food Pyramid 3. Factors influencing eating behaviour 4. Eating disorders - Anorexia Nervosa and Bulimia Nervosa
	Chapter 4 - Management of Resources	1. Classification and characteristics of resources 2. Management Process	1. Human and non-human resources 2. Process - Planning, Organising, Implementing, Controlling and Evaluation
JULY	UNIT TEST 1- CHAPTERS 1,2 & 3		
AUGUST	Chapter 5- Fabric Around us	1. Definitions 2. Classification of fibres 3. Yarn processing 4. Properties of fibre 5. Fabric production 6. Textile finish	1. Fibre, yarn 2. Length - staple, filament; Origin - natural and manmade 3. Spinning 4. Physical, thermal, chemical and biological. 5. Weaving, Knitting, felting, Braiding 6. Basic and special finishes
	Chapter 6 - Media and Communication Technology	1. Definition 2. Classification 3. Functions of media 4. Classification of communication technology	1. Communication 2. Interpersonal and intrapersonal; Group and mass communication 3. Modern communication technologies
SEPTEMBER	Chapter 7- Concerns and needs in diverse contexts	1. Nutrition, Health and Hygiene	1. Dimensions and indicators of health 2. Factors affecting nutritional well being 3. Malnutrition, Hygiene and Sanitation
SEPTEMBER - OCTOBER	TERM END EVALUATION - CHAPTERS 1,2,3,4,5,6&7(Nutrition, Health and Hygiene)		
OCTOBER	Chapter 7- Concerns and needs in diverse contexts	2. Resources Availability and Management	Time management Space management
OCTOBER - NOVEMBER	Chapter 8 - Nutrition, Health and Wellbeing	1. Nutrition, Health and Well-being during infancy (birth – 12 months) 2. Nutrition, Health and well-being of preschool children (1-6 years) 3. Nutrition, Health and well-being of school-age children (7-12 years)	1. Immunity, Immunization, importance of breast feeding, weaning, nutritional problems (0-1 year) 2. Planning of balanced meal (1-6 years) 3. Diet planning and healthy habits (7-12 years)

NOVEMBER	Chapter 9 - Our Apparel	1. Clothing functions and the selection of clothes 2. Factors affecting selection of clothing in India 3. Understanding children"s basic clothing needs 4. Clothing requirements at different childhood stages	1. Modesty, Protection, Status and prestige,Adornment 2. Age, Climate and season, Occasion, Fashion, Income 3. Comfort, Safety, Self help, Appearance, Allowance for growth, Easy care, Fabrics 4. Infancy, Childhood, Adolescents, CWSN
DECEMBER	UNIT TEST 2- CHAPTERS 7(Resources availability and Management),8 &9		
DECEMBER - JANUARY	Chapter 12 - Financial Management and planning	1. Types of family income 2. Expenditure 3. Budget making 4. Savings 5. Investment 6. Credit	1. Money, real and psychic income and factors affecting income. 2. Definition and factors affecting expenditure 3. Investment - Bank, PO, LIC,PF 4. Credit - 4Cs
JANUARY	Chapter 13 - Care and Maintenance of fabrics	1. Need for care of clothes 2. Laundering and storage of different types of clothes 3. Stain removal 4. Care label	1. Soaps and detergents, General rules for storage 2. Techniques and reagents for stain removal, Principles of stain removal 3. Washing instructions on care label
FEBRUARY	REVISION AND FINAL EXAMINATION		

BHARATIYA VIDYA BHAVAN, KOCHI
YEAR PLAN FOR THE YEAR 2026-2027
CLASS XI
LEGAL STUDIES

Month	TOPIC	SUBTOPIC	CONCEPT
June	Introduction to Political Institutions	Chapter 1 : Concept of State Chapter 2 : Forms and Organs of Government Chapter 3 : Separation of Powers	State Government Society Constitution Separation of Powers Basic Features Checks and Balances
July	Unit - 2 Basic features of the Constitution of India	Chapter 1 : Salient Features of the Constitution of India Chapter 2 : Administrative Law	Adult Suffrage Fundamental Duties Preamble Directive Principles of State Policy Amendment
UNIT TEST 1 27.07.2027 – 03.08.2026			

August	Unit - 3 Jurisprudence, Nature and Sources of Law	Chapter 1 : Jurisprudence, Nature and Meaning of Law Chapter 2 : Classification of Laws Chapter 3 : Sources of Laws	Custom as a Source Schools of Law Judicial Precedent Legislation
September	Unit - 3 Jurisprudence, Nature and Sources of Law	Chapter 4 : Law Reforms Chapter 5 : Cyber Laws, Safety and Security in India	Cyber law Cyber safety and Security Information Technology Act Cyber-crime Law Reforms
TERM END EVALUATION 28.09.2026 – 09.10.2026			
October	Unit - 4 Judiciary – Structure and Processes	Chapter 1 : Introduction to Judiciary Chapter 2 : Civil Courts and Civil Justice System Chapter 3 : Criminal Courts and Criminal Justice System Chapter 4 : Special Courts, Tribunals, Lok Adalats and access to justice	Supreme Court and High Courts Criminal Investigations Administrative Tribunals Res subjudice and Res judicata

November	Unit - 5 Family Justice system	Chapter 1 : Institutional framework-Marrige and Divorce Chapter 2 : Child Rights Chapter 3 : Adoption	Child Labour Sexual Abuse Juvenile Justice
UNIT TEST II 14.12.2026-21.12.2026			
December	Unit - 5 Family Justice system	Chapter 4 : Property, Succession and Inheritance Chapter 5 : Prevention of Violence against Women	Family Courts Lawyers and Counsellors Adoption
FINAL EXAMINATION 15.02.2027 – 26.02.2027			

BHARATIYA VIDYA BHAVAN,KOCHI KENDRA			
YEAR PLAN FOR THE ACADEMIC YEAR 2026-'27			
STD:XI FINANCIAL MARKETS MANAGEMENT(805)			
MONTH	TOPIC	SUB-TOPICS	CONCEPTS
June	PART - B UNIT -1 MARKETS AND FINANCIAL INSTRUMENTS . PART - A UNIT 1 COMMUNICATION SKILLS - III	Investment Stock Exchanges	Investment, Options available for Investment stock Exchange Depository Interest rate, Equity/share, Debt instrument Securities.

<u>JULY</u>	PART - B UNIT1 MARKETS AND FINANCIAL INSTRUMENTS & EMPLOYABILITY SKILLS. PART - A UNIT 1 COMMUNICATION SKILLS - III	Regulators and other participants	Regulators-Securities Market needs Regulators Regulators of the Securities Market-SEBI role in the securities Market participants-The Participants in the securities Market Transact through an intermediary The segments of Securities Market
Unit Test I-27/07/26-03/08/26			

<u>August</u>	PART-B- UNIT 2: PRIMARY AND SECONDARY MARKET PART - A UNIT 2 : SELF MANAGEMET SKILLS - III	Primary market	Primary Market Issue of Shares Initial Public Offer(IPO) Prospectus Listing of Securities SEBI'S Role in an issue Foreign Capital Issuance
<u>September</u>	PART-B- UNIT 2:PRIMARY AND SECONDARY MARKET PART - A UNIT 2 : SELF MANAGEMENT SKILLS - III	Secondary Market	Introduction Stock Exchange Depository Stock Trading Precautions must one take before investing in the stock market Products in the secondary market Equity Investment Debt investment Miscellaneous(only for reading)

October	PART-B UNIT-3 MUTUAL FUND PRODUCTS AND FEATURES PART-A UNIT-3 ICT SKILLS- III	Mutual Fund Structure Categories of Mutual Funds Equity Schemes and turn over	Mutual Fund Structure in India ,Manages Investor's Money ,Custodian Role of AMC Role of a registrar and transfer agents Procedure for investing in an NFO New Fund Offer Open ended and close ended funds Equity oriented fund-introduction-Equity fund definition Index fund ,diversified large cap funds, midcap funds Sectoral Funds, Other equity schemes.
Term End EvaluationI:28/09/2026- 09/10/26			

November	PART - B UNIT - 4 ETF'S,DEBT AND LIQUIDITY FUNDS AND EMPLOYABILITY PART - A UNIT - 4 ENTREPRENEURIAL SKILLS- III	Exchange Traded Funds Features of Debt Funds Features of Liquid Funds	Introduction to Exchange Traded Funds, Salient features REITS ,Gold ETF ,NFO ,Sovereign Gold Bonds, Market making by APS, Creation units, Portfolio deposits and cash components Salient features, Interest Rate Risk, Credit Risk, Debt instrument Priced Debt mutual fund schemes- Salient features, Valuation of securities, floating rate scheme -Portfolio churning in liquid funds stress testing of assets
December	PART-B UNIT - 5 Taxation and Regulation. PART-A UNIT-5 Green Skills- III	Capital Gain Taxation Types of Systematic Mutual Fund Plan Options of Mutual Fund Schemes	Capital gains taxation Indexation benefit Dividend distribution Tax, FMPs are popular, overview Industry association for the Mutual Fund Industry Objectives of AMFI Product labeling in Mutual Funds-Riskometer Advantages of Mutual Funds Systematic Investment Plan (SIP) Systematic Transfer Plan (STP) Systematic Withdrawal Plan(SWP) Choosing between dividend payout, Dividend payout option Dividend reinvestment option

Unit Test II - 14/12/26-21/12/26			
January/ February	PART - B QUANTATIVE EVALUATION OF MUTUAL FUND SCHEMES	Mutual Fund Return Calculations Mutual Fund Risk Calculations Mutual Fund Risk Adjustment Calculations	Returns - XIRR, Dividend Re-investment (CAGR), compounding of Periodic Returns Risk-Standard Deviation, Beta, Weighted average Maturity, Modified Duration Risk Adjusted Returns-Sharpe Ratio, Sortino Ratio,Treynor Ratio, Jensen's Alpha
Final Examination:15/02/2026- 26/02/26			

BHARATIYA VIDYA BHAVAN, KOCHI			
YEAR PLAN FOR THE ACADEMIC YEAR 2026-27			
SUBJECT: FOOD, NUTRITION & DIETETICS (834)			CLASS: XI
MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	PART A : UNIT 1 - Communication skills III PART B : UNIT 1 - Food and nutrition : basic concepts	Communication skills III Session 1: Introduction to Communication Session 2: Verbal Communication Session 3: Non-verbal Communication Session 4: Pronunciation Basics Session 5: Communication Styles — Assertiveness Session 6: Saying No — Refusal Skills Session 7: Writing Skills — Parts of Speech Food and nutrition : basic concepts Chapter 1: Nutritional status and Primary Health Care Chapter 2: Food: Basic Concept Chapter 3: Nutrients	PART A 1. Importance, elements, perspective of communication 2. Types of verbal communication - advantages and disadvantages 3. Importance and types of non verbal communication 4. Speaking properly, Phonetics 5. Important communication styles - assertive communication : advantage, practicing 6. How to say NO, connecting words 7. Using capitals, punctuations, parts of speech PART B 1. Functions of food, primary health care, nutritional status 2. Carbohydrates, proteins, fats and oils, vitamins and minerals, ICMR 5 food groups 3. Macronutrients and micronutrients: sources and functions
JULY	PART A : UNIT 1 - Communication skills III PART B : UNIT 1- Food and nutrition : basic concepts	Communication skills III Session 8: Writing Skills — Sentences Session 9: Greetings and Introduction Session 10: Talking about Self Session 11: Asking Questions Session 12: Talking about Family Session 13: Describing Habits and Routines Session 14: Asking for Directions Food and nutrition : basic concepts Chapter 4: Recommended Dietary Allowances Chapter 5: Concepts of meal planning	PART A 8. Parts of a sentence, types of objects, types of sentences, paragraph 9. Types of greeting , introducing yourself and others 10. Talking about yourself, filling a form 11. What are the 2 main types of questions, how to frame questions 12. New words - names for relatives, words that show relation 13. Concept of habit and routine 14. How to ask for or give directions, more about directions using landmarks PART B 4. Basic concept, significance of RDA 5. Definitions, importance of meal planning , factors affecting meal planning, planning balanced diet
JULY	UNIT TEST 1- PART A- UNIT 1, PART B - UNIT 1		
AUGUST	PART B : UNIT 2- Nutrition through the life cycle	Nutrition through the life cycle Chapter 1: Nutrition during Infancy (0-1 years) and Preschool years (1-6 years) Chapter 2: Nutrition during Childhood and Adolescent Chapter 3: Nutrition during Adulthood and old age Chapter 4: Nutrition during pregnancy and lactation	PART B 1. Nutrient needs of infants, feeding practices, nutrition needs of preschoolers 2. Nutrient needs, importance of breakfast, healthy choices, factors influencing food and nutrition during adolescence 3. Nutrition during adulthood, old age, eating problems in elderly 4. Nutrition during pregnancy, special consideration in pregnancy, nutrition during lactation

SEPTEMBER	PART A : UNIT 2 -Self-Management Skills-III	Self-management Skills Session 1: Strength and Weakness Analysis Session 2: Grooming Session 3: Personal Hygiene Session 4: Team Work Session 5: Networking Skills Session 6: Self-motivation Session 7: Goal Setting Session 8: Time Management Public health and nutrition : basic concepts Chapter 1: Human Development Index (HDI), Sustainable Developmental Goals (SDG): Basic Concepts Chapter 2: Malnutrition Chapter 3: Methods for assessment of nutritional status	PART A 1. Definitions, knowing yourself, strength and weakness analysis, difference between interest and abilities 2. Guidelines for dressing and grooming 3. Importance of personal hygiene, 3 steps to personal hygiene, essential steps of hand wash 4. Benefits of team work, how to behave in a team 5. Benefits of networking skills, how to build networking skills 6. Types of motivation, qualities of self motivated people, how to build self motivation 7. How to set goals, how to make goals SMART 8. 4 steps for effective time management PART B 1. SDG, what are the 17 goals 2. Public health nutrition:basic concept, malnutrition basic concept: causes and consequences 3. Anthropometric measurements, clinical assessment, biochemical assessment, dietary assessment (ABCD)
SEPTEMBER - OCTOBER	TERM END EVALUATION - PART A(UNIT 1,2) PART B (UNIT-1,2)		
OCTOBER	PART A: UNIT 3 - ICT Skills-III	ICT Skills-III Session 1: Introduction to ICT Session 2: Basic Interface of LibreOffice Writer Session 3: Saving, Closing, Opening and Printing Document Session 4: Formatting Text in a Word Document Session 5: Checking Spelling and Grammar Session 6: Inserting Lists, Tables, Pictures, and Shapes Session 7: Header, Footer and Page Number Session 8: Tracking Changes in LibreOffice Writer	PART A 1. Advantages of using a word processor, getting started with Libreoffice. writer 2. Status bar, menu bar, tool bar, context menu, multiple ways to perform a function 3. Saving, Closing, Opening and Printing a word document 4. Changing the text style and size, making text bold, italics, underline, aligning text, cut, copy and paste text, find and replace text 5. Starting the spell checker short cut menu for spell checker, autocorrect option 6. Inserting bulleted list, numbered list, using tables, inserting a table, pictures and shapes 7. Inserting a header, footer, title, page number, and page count 8. How to start or stop tracking changes of Libreoffice.writer

NOVEMBER	PART A - UNIT 4: Entrepreneurial Skills-III	Entrepreneurial Skills-III Session 1: Introduction to Entrepreneurship Session 2: Values of an Entrepreneur Session 3: Attitude of an Entrepreneur Session 4: Thinking Like an Entrepreneur Session 5: Coming Up with a Business Idea Session 6: Understanding the Market Session 7: Business Planning	PART A 1. Entrepreneur, Entrepreneurship, types of business activities 2. Values of Entrepreneur 3. Difference between attitude of entrepreneurs and employee 4. Problems of entrepreneurs, problem solving 5. What is a business idea, principles of idea creation, form a business idea 6. Understanding customer needs, customer survey, competition survey 7. Importance of planning, business plan, improving and growing business
	PART A - UNIT 5: Green skills III	Green skills III Session 1: Sectors of Green Economy Session 2: Policies for a Green Economy Session 3: Stakeholders in Green Economy Session 4: Government and Private Agencies	1. Environment related terms, important sectors in green economy 2. NAPCC, GIM, Jawaharlal Nehru national solar mission, SBA, NGT 3. Government , NGO, business and industry, farmers, women, workers and trade unions, etc 4. Role of the government and private agencies, examples of green projects
	PART B : UNIT 4 - Public health and Nutrition disorders	Public health and Nutrition disorders Chapter 1:Major Deficiency Disorder: (PEM in the context of underweight, stunting, wasting, SAM; Nutritional Anemia with special reference to Iron Deficiency Anemia; Vitamin A Deficiency (Xerophthalmia); Iodine deficiency Disorders; Zinc Deficiency; Prevalence, causes, consequences and its control. Chapter 2:Other Nutrition Problems: Vitamin B complex deficiencies, Vitamin-C deficiency, Vitamin D Deficiency.	PART B 1. PEM, Management of SAM, Iron deficiency - Anemia (prevalence, causes, consequence, sources of dietary Iron, national programmes, management of deficiency), VAD - prevalence, causes, consequence, deficiency control, IDD- prevalence, causes, consequence, programme, Zinc deficiency- prevalence, causes, consequence 2. Vit B complex - functions, deficiency, sources, Vit C - deficiency and sources, Vit D - sources and deficiency
DECEMBER	PART B : UNIT 4 - Public health and Nutrition disorder	Public health and Nutrition disorder Chapter3:Overweight/obesity:Definition/classification (WHO), causes and consequences. Chapter 4:Non Communicable Diseases (Diabetes, CVD, cancer) concept, prevalence, causes (Behavioral) and consequences.	3. BMI, causes of obesity, consequence of being overweight or obese 4. Diabetes mellitus - types, prevalence, causes, consequence, management, CVD- risk factors, prevalence, consequence, management, Cancer - prevalence, consequence, cancer education
DECEMBER	UNIT TEST 2- PART A(UNIT - 3,4) PART B (UNIT - 3; 4 - Chapters 1,2)		
JANUARY	PART B : UNIT 5- Public health and nutrition : programmes and policies	Public health and nutrition : programmes and policies Chapter 1:National programme for welfare of women and children. Chapter 2:Programmes for welfare of adolescent girls and women.	PART B 1. ICDS, midday meal programme 2. RKSK, SABLA, IGMSY, POSHAN ABHIYAAN
	PART B : UNIT 6 - Nutrition education, communication and behaviour change	Nutrition education, communication and behaviour change Chapter 1:Information, Education and Communication (IEC)	1. Terminologies used in the context of nutrition education, communication, need scope and importance of BCC, BCC process, BCC methods
FEBRUARY	REVISION AND ANNUAL EXAMINATION		

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YEAR PLAN FOR CLASS XI – 2026-27

MONTH	TOPIC
JUNE	Unit 1 – Communication Skills - III & Unit 1 – Role of Physical Education in Child Development
JULY	Unit 1 – Communication Skills - III & Unit 1 – Role of Physical Education in Child Development
AUGUST	Unit 2 – Self Management Skills - III & Unit 1 – Role of Physical Education in Child Development
SEPTEMBER	Unit 2 – Self Management Skills - III & Unit 2 – Props and Equipment
OCTOBER	Unit 3 – Information and Communication Technology (ICT) Skills - III & Unit 2 – Props and Equipment
NOVEMBER	Unit 3 – Information and Communication Technology (ICT) Skills – III & Unit 3 – Hygiene and Safety
DECEMBER	Unit 4 – Entrepreneurial Skills – III & Unit 3 – Hygiene and Safety
JANUARY	Unit – 5 – Green Skills & Unit 4 – Sports & Fitness
FEBRUARY	Unit – 5 – Green Skills & Unit 4 – Sports & Fitness

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA			
YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027			
STD : XI ARTIFICIAL INTELLIGENCE			
MONTH	TOPIC	SUB-TOPICS	CONCEPTS
June	* PART B: Unit 1: Introduction: Artificial Intelligence for Everyone * PART A: Unit 1 : Communication Skills-III	* Unit 1: Introduction To AI What is AI? Evolution of AI Types of AI Domains of AI AI Terminologies Benefits & limitations of AI * Unit 1 : Communication Skills-III: Methods of communication - Verbal - Non-verbal - Visual Communication styles - assertive, aggressive, passive aggressive, submissive, etc. Writing skills to the following: • Sentence • Phrase • Kinds of Sentences • Parts of Sentence • Parts of Speech • Articles • Construction of a Paragraph	Unit 1:INTRODUCTION TO ARTIFICIAL INTELLIGENCE TYPES AND DOMAINS OF AI AI TERMINOLOGIES BENEFITS AND LIMITATIONS OF AI Unit 1 : Communication Skills-III: Types of communication, Communication styles, Writing skills

July	* PART B Unit 2: Unlocking your Future in AI * PART B : UNIT 3 - PYTHON PROGRAMMING (Level 1) Level 1 : Basics of python programming, character sets, tokens, modes, operators, datatypes, Control Statements	PART B Unit 2: Unlocking your Future in AI • The Global Demand • Some Common Job Roles In AI • Essential Skills and Tools for Prospective AI Careers • Opportunities in AI across Various Industries Python Basics	Unit 2: AI CAREERS AND INDUSTRY OPPORTUNITIES ESSENTIAL AI SKILLS AND TOOLS AI JOB ROLES APPLICATIONS OF AI IN INDUSTRIES UNIT 3 - PYTHON PROGRAMMING (Level 1) Level 1 : Basics of python programming, character sets, tokens, modes, operators, datatypes, Control Statements
Unit Test I - 27/07/26 - 03/08/26			
August	PART B :UNIT 3 - PYTHON PROGRAMMING (Level 2) PART B: Unit 5: DATA LITERACY – DATA COLLECTION TO DATA ANALYSIS	Unit 5: Data Literacy – Data Collection to Data Analysis • What is Data Literacy? • Data Collection • Exploring Data • Statistical Analysis of data • Representation of data, python programs for statistical analysis and data visualization • Introduction to Matrices • Data Pre-processing • Data in Modelling and Evaluation PART B: UNIT 3 - Python (Level 2) * Simple List creation * Accessing elements in a list * Simple dictionary creation * Accessing elements in a Dictionary	Unit 5: DATA LITERACY AND DATA ANALYSIS STATISTICAL ANALYSIS AND DATA VISUALIZATION DATA PRE-PROCESSING AND MODELLING PRACTICAL APPLICATIONS USING PYTHON UNIT 3 - PYTHON PROGRAMMING (Level 2) * Simple List creation * Accessing elements in a list * Simple dictionary creation * Accessing elements in a Dictionary

September	PART A: Unit 2 : Self-Management Skills-III PART B: UNIT 8 – AI ETHICS AND VALUES PART B :UNIT 3 - PYTHON PROGRAMMING (Level 2)	Unit 2 : Self-Management Skills-III *1. Describe the importance of dressing appropriately, looking decent and positive body language 2. Describe the term grooming 3. Prepare a personal grooming checklist 4. Describe the techniques of self exploration *1. Describe the important factors that influence in team building 2. Describe factors influencing team work *Meaning and importance of time management – setting and prioritizing goals, creating a schedule, making lists of tasks, balancing work and leisure, using different optimization tools to break large tasks into smaller tasks. PART B: Unit 8: AI Values (Ethical Decision Making) Ethics in Artificial Intelligence • The five pillars of AI Ethics • Bias, Bias Awareness, Sources of Bias • Mitigating Bias in AI Systems • Developing AI Policies • Moral Machine Game • Survival of the Best Fit Game	Unit 2 : Self-Management Skills-III PERSONALITY DEVELOPMENT AND SELF-MANAGEMENT TEAM BUILDING AND TEAMWORK TIME MANAGEMENT SKILLS GOAL SETTING AND TASK PLANNING Unit 8: AI Values (Ethical Decision Making) ETHICS IN ARTIFICIAL INTELLIGENCE BIAS AND FAIRNESS IN AI AI POLICIES AND RESPONSIBLE AI ETHICAL AI ACTIVITIES AND GAMES UNIT 3 - PYTHON PROGRAMMING (Level 2) * Python Libraries * Simple numpy array creation
Term End Evaluation I : 28/9/2026 - 9/10/26			

October	PART A: Unit 3: Information and Communication Technology Skills-III PART B :UNIT 3 - PYTHON PROGRAMMING (Level 2)	PART A: Unit 3: Information and Communication Technology Skills-III 1. Introduction to word processing. 2. Software packages for word processing. 3. Opening and exiting the word processor. 4. Creating a document 1. Editing text 2. Wrapping and aligning the text 3. Font size, type and face. 4. Header and Footer 5. Auto correct 6. Numbering and bullet 7. Creating table 8. Find and replace 9. Page numbering. 10. Printing document. 11. Saving a document in various formats. PART B: UNIT 3 - Python (Level 2)	Unit 3: Information and Communication Technology Skills-III Word Processor INTRODUCTION TO WORD PROCESSING DOCUMENT CREATION AND EDITING FORMATTING AND TABLE MANAGEMENT SAVING AND PRINTING DOCUMENTS UNIT 3 - PYTHON PROGRAMMING (Level 2) * Pandas (installation) * Creation of Series using List
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November	PART B: UNIT 7 – LEVERAGING LINGUISTICS AND COMPUTER SCIENCE PART A: Unit 4 : : Entrepreneurial Skills-III PART A: Unit 5 : Green Skills-III PART B :UNIT 3 - PYTHON PROGRAMMING (Level 2)	PART B: UNIT 7 – LEVERAGING LINGUISTICS AND COMPUTER SCIENCE • Understanding Human Language Complexity • Introduction to Natural Language Processing(NLP) - Emotion Detection and Sentiment Analysis, Classification Problems, Chatbot • Phases of NLP • Applications of NLP PART A: Unit 4 : Entrepreneurial Skills-III 1. Values in general and entrepreneurial values 2. Entrepreneurial value orientation with respect to innovativeness, independence, outstanding performance and respect for work 1. Attitudes in general and entrepreneurial attitudes 2. Using imagination/ intuition 3. Tendency to take moderate risk 4. Enjoying freedom of expression and action 5. Looking for economic opportunities 6. Believing that we can change the environment 7. Analyzing situation and planning	Unit 4 : Entrepreneurial Skills-III Introduction to Entrepreneurial Values Entrepreneurial Value Orientation Entrepreneurial Attitudes and Risk Taking Planning and Participation in Entrepreneurial Activities PART B: UNIT 7 – LEVERAGING LINGUISTICS AND COMPUTER SCIENCE Introduction to Natural Language Processing (NLP) Human Language and NLP Techniques Phases and Applications of NLP NLP-Based AI Systems Unit 5 : Green Skills-III Introduction to Green Economy Main Sectors of Green Economy Policy Initiatives for Green Economy in India Stakeholders and Sustainable Development UNIT 3 - PYTHON PROGRAMMING (Level 2) DataFrame creation using Numpy Array
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		PART A: Unit 5 : Green Skills-III 1. Main sectors of green economy- Ewaste management, green transportation, renewal energy, green construction, water management 2. Policy initiativesfor greening economy in India 1. Stakeholders in green economy 2. Role of government and private agenciesin greening cities, buildings, tourism, industry, transport, renewable energy, waste management, agriculture, water, forests and fisheries PART B: UNIT 3 - Python (Level 2) DataFrame creation using Numpy Array	
December	PART B - UNIT 6 – MACHINE LEARNING ALGORITHMS	PART B: UNIT 6 – MACHINE LEARNING ALGORITHMS • Machine Learning in a nutshell • Types of Machine Learning • Supervised Learning • Understanding Correlation, Regression, Finding the line, Linear Regression algorithm	UNIT 6 – MACHINE LEARNING ALGORITHMS Introduction to Machine Learning Types of Machine Learning Supervised Learning Techniques Correlation and Linear Regression
Unit Test II - 14/12/26 - 21/12/26			

January	UNIT 6 – MACHINE LEARNING ALGORITHMS PART B: Unit 5: INTRODUCTION TO CAPSTONE PROJECT PART B :UNIT 3 - PYTHON PROGRAMMING (Level 2)	UNIT 6 – MACHINE LEARNING ALGORITHMS • Classification – How it works, Types, k – Nearest Neighbour algorithm • Unsupervised Learning • Clustering – How it works, Types, k -means Clustering algorithm Unit 5: PART B: Unit 5: INTRODUCTION TO CAPSTONE PROJECT Design Thinking Empathy Map Sustainable Development Goals PART B: UNIT 3 - Python (Level 2) DataFrame creation using CSV Scikit-learn CAPSTONE PROJECT (Project Work)	UNIT 6 – MACHINE LEARNING ALGORITHMS Classification, Clustering Unit 5: CAPSTONE PROJECT Introduction to Design Thinking Understanding Empathy Mapping Sustainable Development Goals (SDGs) Problem Solving for Social Good UNIT 3 - PYTHON PROGRAMMING (Level 2) DataFrame creation using CSV Scikit-learn
February	Capstone Project / Practical and Revision Practical Exam (Before February 10)	Capstone Project / Practical and Revision	Capstone Project / Practical and Revision
Final Examination: 15/02/2027 - 26/02/27			