VISHWA BHARTI PUBLIC SCHOOL, NOIDA

Textbook prescribed-

- English Reader- Hornbill
 Supplementary Reader- Snapshot

MONTH	BOOK /MAIN SKILL	UNIT/TOPIC
APRIL	HORNBILL	The Portrait of a LadyA Photograph (poem)
	SNAPSHOT	• The Summer Of The BeautifulWhite Horse.
	WRITING SKILL	Speech writing
MAY	HORNBILL	 We Aren't Afraid to Die Laburnum Top
	SNAPSHOT WRITING SKILLS	The AddressPoster making
JULY	HORNBILL	Discovering Tut-The SagaContinuesThe Voice Of The Rain(poem)
	WRITING SKILLS	Classified Advertisements
AUG	HORNBILL	Adventure Father To Son
	SNAPSHOT	• Mother's Day
	WRITING SKILLS AND GRAMMAR	Note-Making and abstractionsIntegrated Grammar
SEPT	FIRST TERM EXAMINATION	• Assessment of Speaking & Listening Skills

OCT	HORNBILL WRITING SKILLS AND GRAMMAR	 Silk Road Debate writing Integrated grammar practice
NOV	HORNBILL SNAPSHOT WRITING SKILL	 Childhood Birth Revision.
DEC	SNAPSHOT HORNBILL WRITING SKILLS & GRAMMAR	 The Tale of Melon City Revision Comprehension skills(Revision)
JAN- FEB	REVISION	 Revision Assessment of Speaking & Listening Skills

SUBJECT: MATHS TEXT BOOK PRESCRIBED: NCERT MATHS, EXEMPLAR PROBLEMS IN MATHS

MONTH	CHAPTER	SUB TOPIC	
APRIL	Chapter -1 SETS	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 a set. Properties of Complement.	
	Chapter -2 RELATIONS AND FUNCTIONS	Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (upto R x R x 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 quotients of functions.	
	Chapter-3 TRIGONOMETRC FUNCTIONS	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	
МАҮ	Chapter -3 TRIGONOMETRIC FUNCTIONS (cntd)	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 sinx, siny, cosx & cosy and their simple applications.	
	Chapter -4 COMPLEX NUMBERS AND QUADRATIC EQUATIONS	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.	
	Chapter -5 LINEAR INEQUALITIES	Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.	
JULY	Chapter -6 PERMUTATIONS AND COMBINATIONS	Fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of Formulae for nPr and nCr and their connections, simple applications.	
	Chapter -7 BINOMIAL THEOREM	Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications.	

AUG	Chapter -8 SEQUENCES AND SERIES	Sequence and Series. Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M.
	Chapter – 9 STRAIGHT 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.
ОСТ	Chapter -10 CONIC SECTIONS	Sections of a cone: circles, 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.
	Chapter -11 INTRODUCTION TO THREE- DIMENSIONAL GEOMETRY	Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points.
NOV	Chapter-12 LIMITS AND 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 trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.
	Chapter -13 STATISTICS	Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.
DEC	Chapter -14 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.

SUBJECT: ACCOUNTANCY

Month	Торіс	Subtopic	
	Unit-1: Theoretical		
	Framework		
April	1. Introduction to	Accounting- concept, objectives, advantages	
	Accounting	and limitations, types accounting, information;	
		users of accounting information and their	
		needs. Qualitative Characteristics of	
		Accounting Information. Role of Accounting in	
		Business	
	2. Basic Accounting	Business Transaction, Capital, Drawings, Liabilities	
	Terms	(Non- Current and Current). Assets (Non- Current,	
		Current); Fixed assets (Tangible and intangible),	
		Expenditure (Capital and Revenue), Expense,	
		Income, Profit, Gain, Loss, Purchase, Sales, Goods	
		Stock, Debtor,	
		Creditor, Voucher, Discount (Trade discount	
		and Cash Discount)	
	. - .	,	
	3. Theory Base of	TheoryBaseofAccountingFundamental accounting assumptions:GAAP:ConceptBusinessEntity,MoneyMeasurement,Going Concern,Accounting Period,Cost Concept,Dual Aspect,Revenue Recognition,MachinatingFullDisclosure,Consistency,Conservatism,Materiality and ObjectivitySystem of Accounting.AccountingStandards:Applicability inIndASGoods and ServicesTax (GST	
	Accounting		
		× ·	
	A Basis of Accounting	Basis of Accounting: cash basis and accrual basis	
	4. Dasis of Accounting	Characteristics and Objective.	
May	5. Accounting	Accounting Equation Approach: Meaning and	
•	Equation	Analysis.	
	•	5	
	6.Accounting	Rules of Debit and Credit.	
	Procedures: Rules of		
	Debit and Credit		
	7.Origin of	Decending of Dusinger Transactions	
	Transactions: Source	Recording of Business Transactions Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers	
	Documents and		
	preparation of		
	vouchers		

Textbook Prescribed: NCERT, Double Entry Bookkeeping (Financial Accounting) T.S. Grewal

July and August	Unit-2: Accounting Process 8. Journal	Recording of Transactions: Books of Original Entry- Journal
	9. Ledger	Format, Posting from Journal and subsidiary books, Balancing of Accounts.
	10. Special Purpose books I-Cash Book	Cash Book: Simple, cash book with bank column and petty cashbook
	11. Special Purpose books II-Other Books	Purchases book Sales book Purchases return book Sales return book Note: Including trade discount, freight and cartage Expenses for simple GST calculation.
	Ch-12 & 13 GST & Bank Reconciliation Statement	Need and preparation, Bank Reconciliation Statement with Adjusted Cash Book
September and October	15.Depreciation	Depreciation: Concept, Features, Causes, factors Other similar terms: Depletion and Amortization 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 Accounting treatment of depreciation i. Charging to asset account ii. Creating provision for depreciation/accumulated depreciation account iii. Treatment for disposal of asset
October	16. Provisions and Reserves	Difference Types of Reserves: i. Revenue reserve ii. Capital reserve iii. General reserve iv. Specific reserve v. Secret Reserve Difference between capital and revenue Reserve

	Ch-14 & 17.Trial	Trial balance and Rectification of Error Trial	
	Balance and	balance: objectives and preparation	
	Rectification of error	(Note: Trial balance with balance method only)	
		Errors: types-errors of omission, commission,	
		Principles, and compensating; their effect on Trial	
		Balance.	
		Detection and rectification of errors;	
		preparation of suspense account	
November and	Part B: Financial	Financial Statements	
December		Meaning, objectives and importance; Revenue and	
	Accounting - II	finances.	
		Capital Receipts; Revenue and Capital Expenditure;	
	Unit 3:	Deferred Revenue expenditure.	
	18. Financial	Trading and Profit and Loss Account: Gross Profit,	
	Statements of Sole	Operating profit and Net profit. Preparation.	
	Proprietorship	Balance Sheet: need, grouping and marshalling of	
		assets and liabilities. Preparation.	
	19. Adjustments in preparation of Financial Statements	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 managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.	
	20. Accounts for incomplete Records- Single entry System	Incomplete Records Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method. Difference between accounts from incomplete records and Statement of Affairs. Preparation of Trading, Profit and Loss account and Balance Sheet.	
January		Revision	

SUBJECT-BUSINESS STUDIES TEXT BOOK PRESCRIBED: NCERT or POONAM GANDHI

MONTH	UNITS	UNIT & SUBUNIT
APRIL	Part-A: Foundation of Business Unit 1. Evolution and Fundamentals of Business History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporation, Major Trade Centres, Major Imports and Exports, Position of Indian Sub- Continent in the World Economy	Concept Economic and non-economic activities Business Risk Objectives of Business Industry Types Commerce and Trade
APRIL – MAY	Unit 2. Forms of Business Organisation	Sole Proprietorship Joint Hindu Family Partnership Co-operative society One Person Company Private Company Vs. Limited Liability Partnership Choice of form of business organization
JULY	Unit 3. Private Public And Global Enterprises Unit4. Business Services	Private Sector Public Sector Forms of public sector enterprises Changing Role of public sector Global Enterprises. Business Services Meaning and Types Banking: Types of bank accounts Banking Services – Bank Draft, Bank Overdraft, Cash Credit E Banking – meaning, types of digital payments Insurance: Principles Types of insurance: life, health, fire and marine - concept Discuss the meaning of different types of insurance-life, health, fire, marine insurance. Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier - meaning

		Understand the utility of different
		telecolli selvices
AUG	Unit 5	Emerging Modes of Business
	Emerging Modes of Business	E business – concept, scope, benefits
	Emerging Wodes of Business	Outsourcing concepts: BPO, KPO
		Social responsibility of Business and Business
		Ethics
	Unit 6.	Concept of social responsibility
	Social responsibility of Business and	Case for social responsibility
	Business Ethics	Responsibility towards owners, investors,
		consumers, employees, government and
		community
		Appreciate the role of business in
		Business Ethics – Concept and elements
	Part-B Finance and Trade	Formation of a Company
		Stages in formation of company
SEPT	Unit 7	Documents prepared for formation
	Formation of a Company.	of a Company.
OCT	Unit 8.	
	Sources of Business Finance	Concept of Business Finance
	Sources of Dusiness I mance.	Types of business finance
		Owners' funds - equity shares, preferences
		snare, retained earnings, Global Depository
		(ADR) and International Depository Receipt
		(IDR) - concept
		Borrowed funds: debentures and bonds, loan
		from financial institution and commercial banks,
		public deposits, trade credit, Inter Corporate
		Deposits (ICD)
NOV		Factors determining choice of source of fund
NOV	Unit 9.	-Small Scale Industry
	Small Scale Business and Enterprises	- Role Of Govt
	Unit 10	-Small Business
	Chit IO.	-Govt. Assistance.
	Internal Trade.	-Entrepreneurship Development
		Internal Trade.
		Wholesale Trade and Retail trade.
		Role of Indian Chambers of Commerce
		Documents
DEC	Unit 11	International Business
	International Dusiness	Nature and Significance.
	International Business	Export Procedure.
		Import Procedure.
		Documents. World Trade Organization
IAN	REVISION	
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SUBJECT: GEOGRAPHY

BOOKS: 1) Fundamentals of Physical Geography

N.C.E.R.T 2) India: Physical Environment

3) Practical Work in Geography – Part 1

MONTHS	CHAPTER	UNIT/SUB UNITS
APRIL	India – Location	Location, space relations, India's
		place in the world.
	Geography as a Discipline	Maaning of geography as an
	Geography as a Discipline	integrating discipline. The fields
		of geography and its relationship
		with other disciplines. The
		approaches to study geography
	Structure and Physiography	Introduction- The Peninsular block,
		The Himalaya and other peninsular
		mountains.
MAY	Structure and Physiography (contd.)	Physiography, The North and
		North-eastern
		mountains, The Northern Plains,
		Coastal Plaing, The islands
		Coastal Flams, The Islands.
	The Origin and Evolution of the Earth	The Big Bang, Planetesimal
	8	theory, Nebular Hypothesis related
		to the origin of the universe.
	Drainage System	Concept of river basins, watershed;
		the Himalayan and the Peninsular
		rivers
	Practical-1	Maps -types: scales-types:
		construction of simple linear scale,
	Hazards and Disasters	
	(To be tested through internal assessments in	
	the form of project and presentation)	
JULY	Interior of the Earth	Direct and indirect sources of
		information about the interior of the
		earth. Earthquakes—its causes
		and effects, define: Epicentre,
		Earthquake waves and its
		propagation, Snadow Zones,
		anthquakas. The interior structure
		of the earth Volcanoes its types
		and volcanic landform

	Distribution of seas and oceans	Evidence in support of continental
		drift and force for drifting.
		• Post drift studies. Convectional
		current theory Mapping of the
		ocean floor. Ocean floor
		configuration. Concept of seafloor
		configuration, concept of searcoor
		spreading, • Theory of plate
		tectonics and different types of
		plate boundaries.
		 Moweμεντσ of Indian
		Plates
	Geomorphic Processes	-Exogenic and endogenic
		processesresponsible to bring
		changes in the configuration of the
		surface of the earth. Differentiate
		between geomorphic processes
		and geomorphic agents
		. • Factors that affect soil
		formation.
		• Define the following terms:
		Exfoliation, Denudation,
		Weathering etc.
	Practical-2	-Map Scale
AUG	Landform and their Evolution	Erosional and depositional
		landforms created by different
		agents like running water, ground
		water (limestone/Kast topography,
		glaciers & wind
	Climate	Factors affecting climate of the
		country and its effect on country's
		economic life; Annual cycle of four
		main seasons in India; Causes and
		problems of climate changes;
		Concept of Global Warming.
	Practical- 3	Latitudes& longitudes
SEPT	Composition and Structure of Atmosphere	The composition of the atmosphere.
		Characteristics & the structure of
		different layers of atmosphere.
		Elements of weather and climate
	REVISION AND TERM1	
OCT	Solar Radiation, Heat Balance and Temperature	Differentiate between solar
		radiation and terrestrial radiation.
		Variability of insolation at the
		surface of the earth. The heat
		budget of the planet earth. Factors
		controlling temperature
		distribution. Inversion of
		temperature.
		-

	Atmospheric Circulation and Weather Systems	Permanent pressure belts and the
	_	prevailing winds. • Explain
		different types of winds.
		Differentiate between tropical and
		extra tropical cyclones
NOV	Water in the Atmosphere	Introduction – Evaporation and
100		condensation Dew Frost & Fog
		and Mist Cloud and its types
		Precipitation Types of rainfall
		World distribution of rainfall
		world distribution of faintait
	World Climate and Climate Change	Classify climate based on various
	(To be tested through internal assessments in	schemes by Koeppen with the help
	the form of project and presentation)	of a mind man Causes and effects
	the form of project and presentation)	of global warming. Climate
		changes
	Water (Oceans)	Hydrological cycle Palief of
	Water (Oceans)	-Hydrological cycle, Keller of
		oceannoor, reatures (whocean
		nuges, seamounts, submarine
		Callyons, guyots, and atoms)
		horizontal and vertical distribution
		of oceanic temperature. Factors
		affecting the salinity of ocean
		waters.
	Practical - 4	-Map projection- Latitude,
		longitudeand time, typology,
		construction and properties of
		projection: Conical with one
		standard parallel and Mercator's
		projection. (Only
		two projections)
DEC	Movements of Ocean	Differentiate between tides and
		currents. Formation of sea waves
		Importance of tide Major Ocean
		currents and its effects.
	Natural Vegetation	-Introduction- Types of forests
		Tropical evergreen forest, Tropical
		deciduous forest, Tropical thorn
		forest
	Practical-5	-Montana forest, Littoral and
		swampforest.
	Practical -6	Topographical Maps Introduction
		to Remote Sensing
JAN	Biodiversity and Conservation	
	(To be tested through internal assessments in	
	the form of project and presentation)	
	REVISION AND TERM2	
FEB	Maps and Project works as per CBSE guidelines.	

SUBJECT – PSYCHOLOGY Reference book – Introduction to Psychology part I

MONTH	UNIT	TOPICS
APRIL	What is psychology?	What is psychology Popular notions about discipline of psychology Understanding mind & behaviour Evolution of psychology Branches of psychology Themes of research & application Psychology and other discipline Psychology at work Psychology in everyday life Development of psychology in India
МАҮ	Methods of enquiry in Psychology	Goals of psychological enquiry Nature of psychological data Some important methods –observational, experimental and correlation Survey, psychological testing Case study Analysis of data Limitations of psychological enquiry Project 1
JULY	Human development	Meaning of development Factors influencing development Context of development Overview of development stages – Infancy, childhood, challenges of adolescence, adulthood & old age
AUG	Sensory, attentional and perceptual processes	Knowing the world Nature and varieties of stimulus Sense modalities Adaptation Attentional processes Selective and sustained attention Perceptual processes The perceiver Principles of perceptual organization After images, Perceptions of space, depth, and distance Perceptual constancies Illusions, Socio cultural influences on perception
OCT	Learning	Nature of learning Paradigms of learning Classical and operant conditioning, observational, cognitive , verbal, concept, and skill learning Factors facilitating learning Transfer of learning The learner – learning styles Learning disabilities Applications of learning principles PROJECT-2

NOV	Human memory	Nature of memory, Information processing approach Levels of processing Memory systems –sensory, short term and long-term memory Knowledge representation and organization in memory as a constructive process Nature and causes of forgetting Enhancing memory
DEC	Language and thought	 Building blocks of thinking Nature and Inter relationship Stages of Cognitive Development Language and Language use Nature of thinking Thought and language Development of language & language use Reasoning Problem solving Decision making Nature and process of creative thinking Developing creative thinking
JAN	Motivation & emotions	Nature of motivation biological motives Social and psychological motives – achievements, affiliation and power Maslow's hierarchy of needs, Nature of emotions Physiological, cognitive, and cultural bases of emotions Expression of emotions Enhancing positive emotions e.g., happiness optimism Managing negative emotions e.g., anger fear

SUBJECT: ECONOMICS

Books Prescribed: 1. Introduction to statistics N.C.E.R.T

2. Introductory Microeconomics-N.C.E.R. T

3. Elementary statistics-

4. Introductory Microeconomics-

MONTH	CHAPTER\UNIT	SUBUNIT\TOPIC	
APRIL	1	Introduction. (Statistics)	
What is Economics? Meaning and importance, function statistics in Economics.		What is Economics? Meaning and importance, functions and importance of statistics in Economics.	
	2a	Collection Organization and Presentation of dat Collection of data –	
		Sources of data- Primary and Secondary; how basic data is collected with concepts of sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organization	
MAY	2b	Organization of Data – Meaning and types of variables Frequency Distribution. Presentation of Data . Tabular Presentation an diagrammatic Presentation of Data:	
		 i. Geometric Form (bar diagrams and pie diagrams) ii. Frequency diagram (histogram, polygon and Ogive) iii. Arithmetic line graphs (time series graph) 	
	4	Introductory (Microeconomics)	
		Meaning of microeconomics and macroeconomics; positive and normative economics.	
		Definition of an economy. Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost.	
JULY	3.a	Measures of Central Tendency	
		Arithmetic Mean, Median and Mode	

AUGUST	5	Consumer's Equilibrium and Demand
		Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis
		Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium
		Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve.
		Price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand – percentage-change method and total expenditure Method.
SEP		Revision for terminal examination
OCT	6	Producer Behavior and Supply
		Meaning of Production Function – Short-Run and Long-Run.
		Total Product, Average Product and Marginal Product.
		Returns to a Factor: Law of Variable Proportions
		Cost: Short run costs - total cost, total fixed cost, total variable cost; average cost; average fixed cost, average variable cost and marginal cost-meaning and their relationships.
		Revenue - total, average and marginal revenue - meaning and their relationship.
		Producer's equilibrium - meaning and its conditions in terms of marginal revenue - marginal cost.
		Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage- change method.

NOV	7	Perfect Competition – Price Determination with simple applications.
		Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply. (Short Run Only)
		Simple Applications of Demand and Supply: Price ceiling, Price floor.
DEC	3.b	Correlation – meaning and properties, scatter diagram; Measures of correlation - Karl Pearson's method (two variables ungrouped data), Spearman's rank correlation (Non-Repeated and Repeated Ranks).
JAN	3.c	Introduction to Index Numbers - meaning, types - Wholesale price index, Consumer price index and Index of Industrial production, uses of index numbers; Inflation and Index numbers.
FEB		Revision for Annual Exam

SUBJECT: COMPUTER SCIENCE (083) BOOKS PRESCRIBED: PREETI ARORA AND SUMITA ARORA CLASS XI

MONTH	Unit No/Chapter No	Topic & Subheadings
APRIL	Unit II: Computational Thinking and Programming - I	 Introduction to problem-solving: Steps for problem-solving (analyzing the problem, developing an algorithm, coding, testing, and debugging). representation of algorithms using flow chart and pseudo code, decomposition Familiarization with the basics of Python programming: Introduction to Python, features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and R-value, use of comments. Knowledge of data types: number (integer, floating point, complex), Boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types Operators: arithmetic operators, relational operators, logical operators, identity operators (is, is not), membership operators (in, not in). Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output
MAY	Unit II: Computational Thinking and Programming - I	 Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control. Conditional statements: if, if-else, if-elf-else; simple programs: e.g.: absolute value, sort 3 numbers, divisibility. Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number etc.

JULY	Unit II: Computational Thinking and Program I	 Strings: introduction, indexing, string operations (concatenation, repetition, membership & slicing traversing a string using loops, built-in functions Len(), capitalize(), title(), lower(), upper(), count find(), index(), ends with(), starts with(), isalnun alpha(), is digit(), is lower(), is upper(), is space(strip(), strip(), strip(), replace(), join(), partition(split(). Lists: introduction, indexing, list operations (concatenation, repetition, membership & slicing traversing a list using loops, built-in functions: L list(), append(), extend(), insert(), count(), indexiremove(), pop(), reverse(), sort(), sorted(), min() max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numer values stored in a list; linear search on a list of numbers and counting the frequency of elements list 	<pre>g), s: t(), n(), is),), g), _en(), c), ric s in a</pre>
AUGUST	Unit II: Computational Thinking and Programming - I	 Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership, and slicing); built-in functions/methods – Len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple; suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple. Dictionary: introduction, accessing items in a dictionary using keys, mutability of a dictionary (adding a new term, modifying an existing item), traversing a dictionary, built-in functions/methods – Len(), dict(), keys(), values(), items(), get(), update(), del(), del, clear(), from keys(), copy(), pop(), pop item(), set default(), max(), min(), sorted(); Suggested programs: count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them 	
SEPTEMBER		TERM 1	
OCTOBER	Unit II: Computational Thinking and Programming - I	Introduction to Python modules: Importing module using 'import' and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan()); random module (random(), ran dint(), Rand range()), statistics module (mean(), median(), mode()).	
NOVEMBER	Unit 1: Introduction of Computer System	 Basic Computer Organisation: Introduction to computer system, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (Bit, Byte, KB, MB, GB, TB, PB). Types of software: system software (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application software. Operating system (OS): functions of 	

		Operating system OS user interface	
		Declaring system, OS user interface.	
		• Boolean logic: NOI, AND, OR, NAND, NOR XOR,	
		truth table, De Morgan's laws and logic circuits.	
		• Number system: Binary, Octal, Decimal and	
		Hexadecimal number system; conversion between	
		number systems.	
		Encoding schemes: ASCII, ISCII and UNICODE	
		(UTF8, UTF32).	
DECEMBER	Unit III: Society, Law and	Digital Footprints	
	Ethics	• Digital society and Netizen: net etiquettes,	
		communication etiquettes, social media etiquettes.	
		• Data protection: Intellectual Property Rights	
		(copyright, patent, trademark), violation of IPR	
		(plagiarism, copyright infringement, trademark	
		infringement), open-source software and licensing	
		(Creative Commons, GPL and Apache).	
		• Cybercrime: definition hacking eavesdropping	
		phishing and fraud emails ransomware preventing	
		cybercrime	
		• Cyber safety: safely browsing the web identity	
		protection confidentiality cyber trolls and bullying	
		 Safaly accessing websites: melware viruses trains 	
		• Salery accessing websites. marware, viruses, trojans,	
		auware.	
		• E-waste management: proper disposal of used	
		electronic gadgets.	
		Indian Information Technology Act (IT Act)	
		• Technology & Society: Gender and disability issues	
		while teaching and using computers	
JANUARY	Project	Project in Computer science(submission)	
		Revision of the syllabus and lab practice	
February		TERM II	

SUBJECT: PAINTING (049) SYLLABUS BOOK - FULLMARKS HISTORY OF INDIAN ART

MONTH & UNITS	THEORY (ALL TOPICS)	PRACTICAL
APRIL - Unit – I	Six Limbs of Indian Painting & Fundamentals of Visual Arts (Elements andPrinciples)	Composition (national, religious, cultural, historical and social events)
MAY - Unit – I	Introduction & Prehistori Rock Paintings c and Art of Indus Valley	Composition (national, religious, cultural, historical and social events)
JULY - UNIT I	Prehistoric Rock Paintings - Introduction Study of the Prehistoric Rock- Paintings	Still life, Drawings from Nature
AUGUST – UNIT I	 Introduction & Prehistoric Rock Paintings and Art of Indus Valley: 2. Art of Indus Valley - Introduction 3. Study of the Artefacts of this period 	Elements and Principles of composition
SEP-UNIT II	 Buddhist, Jain and Hindu Art: 1. The Art during Mauryan, Shunga, Kushana and Gupta Periods. 2. The Art of Ajanta Caves 	Object and drawing composition and drawing
OCT – UNIT III	 Temple Sculptures, Bronzes and Artistic Aspects of Indo- Islamic Architecture: 1. Artistic Aspects of Indian Temple Sculptures - Introduction 2. Study of Temple-Sculptures 	Illustration, still life

PHYSICAL EDUCATION

MONTH	UNIT	TOPICS
APRIL	UNIT I : CHANGING TRENDS & CAREER IN	l Meaning & Definition of Physical Education
	PHYSICAL EDUCATION	1 Aims & Objectives of Physical Education
		1 Career Options in Physical Education
		Changing trends in sports- Playing surface, wearable gears and sports equipments, technological advancement
		l Khelo-India & Fit India Program
	UNIT II : OLYMPIC VALUE EDUCATION	l Ancient & Modren Olympics
		l Olympic concept & Olympic values (Excellence,Friendship & Respect)
		Olympics Symbols, Motto, Flag, Oath & Anthem
		Symbols, Ideals, Objectives & Values of Olympism
		1 International Olympic Committee
		1 Indian Olympic Association
МАҮ	UNIT III : YOGA	1 Meaning & Importance of Yoga
		l Elements of Yoga
		1 Introduction – to Ashtanga Yoga
		Introduction to Yogic Kriyas (Shat Karma) Pranayam & its types
		l Active Lifestyle and stress management through Yoga

JULY	UNIT IV : PHYSICAL EDUCATION & SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS- DIVYANG)	 1 Aims & Objectives of Adaptive Physical Education 1 concept of Disability and Disorder 1 Types of Disability, its cause and nature (Intellectual disabilities, Physical disabilities & Learning Disabilities 1 Role of Various Professionals for Children With Special Needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator Disability Etiquette
AUGUST	UNIT V : PHYSICAL FITNESS HEALTH & WELLNESS	 1 Meaning & Importance of Physical Fitness, Health &Wellness 1 Components & Dimensions of Physical Fitness, Health & Wellness 1 Traditional Sports and Regional Games for promoting wellness Leadership through Physical Activities & sports Inroduction to first Aid-Price
OCTOBER	UNIT VI: TEST, MEASUREMENT & EVALUATION	 1 Concept of Test, Measurement & Evaluation in Physical Education 1 Classification of Test in Physical Education & Sports Test administration guidelines in Physical Education 1 Calculation of BMI & Waist - Hip Ratio, Skin Fold Ratio 1 Somato Types (Endomorphy, Mesomorphy & Ectomorphy)

		1 Measurement of Health Related Fitness
NOVEMBE R	UNIT VII: FUNDAMENTALS OF ANATOMY, PHYSIOLOGY & KINESIOLOGY IN SPORTS	 1 Definition and Importance of Anatomy, Physiology in exercises & sports 1 Functions of Skeleton System, Classification of Bones & Types of Joints 1 Functions & Structure of Circulatory System & HEART Functions & Structure of Respiratary System. Properties & Functions of Muscles
	UNIT VIII: FUNDSMENTALS OF KINESLOGY AND BIOMECHANICS IN SPORT	 *Definition Importance of Kinesiology & Biomechanics in Sports * Principles of Biomechanics * Types of Body movement – Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation * Kinetic Kinematic in Sports * Axis and Planes – Concept & its Application in body movements

DECEMBER	UNIT IX : PSYCHOLOGY & SPORTS	 1 Definition & Importance of Psychology in Physical Education & Sports 1 Team Cohesion and sports 1 Developmental Characteristics at Different Stages of Development 1 Adolescent Problems & their Management Introduction to Psychological Attributes, Attention, Resilience, Mental toughness
JANUARY	UNIT X : TRAINING AND DOPING IN SPORTS	 Concept AND Principles of Sports Training Training Load : Over Load, Adaptation And Recovery Warming up & Limbering down Skill, Technique & Style Concept of Doping and its disadvantage Concept of Skill, Technique, Tactics & Strategies

POLITICAL SCIENCE

BOOK-1: - INDIAN CONSTITUTION AT WORK

BOOK-2: - POLITICAL THEORY

MONTH	Chapter No: & Name	Subtopics
		Topics to be focused on:
	Chapter 5 – 5 Legislature	Why do we need a parliament?
	(BOOK-1 INDIAN	b) Why do we need two houses of parliament? · Rajya Sabha · Lok Sabha
	CONSTITUTION AT WORK)	c) What does the parliament do? · Powers of Rajya Sabha· Special Powers of Rajya Sabha
		d) How does the parliament make laws?
APRIL		e) How does the parliament control the executive?
		f) What do the committees of parliament do?
		g) How does the parliament regulate itself?
MAY	MAY Chapter 1 - Political Theory: An Introduction	Topics to be focused on:
	(ΒΟΟΚ-2-ΡΟΙ ΙΤΙΟΔΙ	a) What is politics?
	THEORY)	b) What do we study in political theory?
		c) Putting Political theory into practice
		d) Why should we study political theory?
MAY	Chapter-1- Constitution: Why and How?	Topics to be Focused:
(BOOK-1 INDIAN CONSTITUTION AT WORK)	Why do we need a constitution? • Constitution allows coordination and assurance • Specification of decision- making powers • Limitations on the powers of government • Aspirations and goals of a society • Fundamental identity of a people	
		The authority of a constitution • Mode of promulgation • The substantive provisions of a constitution • Balanced institutional design

MAY	Chapter 2 – Freedom (BOOK-2- POLITICAL THEORY)	 The Ideal of Freedom The sources of Constraints-Why do we need constraints? The Harm Principle Negative and Positive Liberty
		(i) Topics to be focused:
JULY	Chapter 3- Election and Representation (BOOK-1 INDIAN CONSTITUTION AT WORK)	 a) Elections and democracy b) Election system in India · First Past the Post System · Proportional Representation c) Why did India adopt the FPTP system? d) Reservation of constituencies e) Free and fair elections · Universal franchise and right to contest · Independent Election Commission f) Electoral Reforms.
		Topics to be focused on:
JULY	Chapter-3- Equality (BOOK-2- POLITICAL THEORY)	 a) Why does equality matter? • Equality of opportunities • Natural and Social Inequalities b) Three dimensions of equality c) Feminism, Socialism d) How can we promote equality?
		a) What is an executive?
	Chapter-4- Executive	b) What are the different types of executives?
JULI	(BOOK-1-INDIAN CONSTITUTION AT WORK)	c) Parliamentary executive in India · Power and position of President · Discretionary Powers of the President
		d) Prime Minister and Council of Ministers
		e) Permanent Executive: Bureaucracy
		The importance of rights · Bill of Rights
AUGUST	Chapter 2 - Rights in the Indian Constitution	b) Fundamental rights in the Indian Constitution · Right to Equality · Right to Freedom · Right against Exploitation · Right

AUGUST	(BOOK-1- INDIAN CONSTITUTION AT WORK)	to Freedom of Religion · Cultural and Educational Rights · Right to Constitutional Remedies c) Directive principles of state policy
		Topics to be focused:
AUGUST	Chapter 4- Social Justice	What is Justice? • Equal Treatment for Equals • Proportionate Justice • Recognition of Special Needs
		b) Just distribution
	(BOOK-2- POLITICAL THEORY)	c) John Rawls's Theory of Justice
	fillokt)	d) Pursuing Social Justice e) Free Markets versus State Intervention
SEPTEMBER	Chapter-6- Judiciary	Topics to be focused:
	(BOOK-1- INDIAN CONSTITUTION AT WORK)	 a) Why do we need an independent judiciary? · Independence of Judiciary · Appointment of Judges · Removal of Judges b) Structure of the Judiciary c) Jurisdiction of supreme Court · Original Jurisdiction · Writ Jurisdiction · Appellate Jurisdiction · Advisory Jurisdiction d) Judicial Activism e) Judiciary and Rights f) Judiciary and Parliament
SEPTEMBER	Chapter-5- Rights (BOOK-2- POLITICAL THEORY)	 Topics to be focused on a) What are Rights? b) Where do rights come from? c) Legal rights and the state d) Kinds of rights e) Rights and responsibilities
	Chapter-7- Federalism	Topics to be focused:

		a) What is Federalism?
OCTOBER (I	(BOOK-1- INDIAN CONSTITUTION AT	b) Federalism in the Indian Constitution · Division of Powers
	WORK) Chapter-7- Federalism	c) Federalism with a strong central government
	(BOOK-1- INDIAN CONSTITUTION AT WORK)	d) Conflicts in India's federal system · Centre-State Relations · Demands for Autonomy · Role of Governors and President's Rule · Demands for New States · Interstate Conflicts
		e) Special provisions · Jammu and Kashmir
	Chapter- 6- Citizenship	Topics to be focused:
OCTOBER	(BOOK-2- POLITICAL THEORY)	a) Introductionb) Full and equal membershipc) Equal Rights
		d) Citizen and Nation
		f) Global Citizenship
NOVEMBER	Chapter-8- Local Governments	Topics to be focused:
	(DOOK 1 INDIAN	a) Why local governments?
	CONSTITUTION AT WORK)	b) Growth of Local Government in India · Local Governments in Independent India
		c) 73rd and 74th amendments
		d) Three-Tier Structure
NOVEMBER	Chapter-7- Nationalism	Topics to be focused: -
	(BOOK-2- POLITICAL THEORY)	Introducing Nationalism b) Nations and Nationalism • Shared Beliefs • History • Shared National Identity c) National self-determination

		d) Nationalism and Pluralism
DECEMBER	Chapter-9- Constitution as a Living Document	Topics to be focused: -
	(BOOK-1- INDIAN CONSTITUTION AT WORK)	 Are constitutions static? b) How to amend the constitution? c) Why have there been so many amendments? d) Contents of amendments made so far Differing Interpretations · Amendments through Political Consensus · Controversial Amendments
DECEMBER	Chapter-8- Secularism (BOOK-2- POLITICAL THEORY)	 What is Secularism? • Inter-religious Domination • Intra-religious Domination b) Secular State c) The Western model of secularism The Indian model of secularism Criticisms of Indian Secularism • Western
		Import • Minoritism • Interventionist • Vote Bank Politics
JANUARY	Chapter-10- The Philosophy of the Constitution	a) What is meant by the philosophy of the Constitution? · Constitution as Means of Democratic Transformation
	(BOOK-1- INDIAN CONSTITUTION AT	b) Why do we need to go back to the Constituent Assembly?
	WORK)	c) What is the political philosophy of our constitution? · Individual freedom · Social Justice · Respect for diversity and minority rights · Secularism
JANUARY	BOOKS 1 & 2	COMPLETE REVISION OF THE SYLLABUS

MONTH	Unit No/Chapter	Topic & Subheadings
	No	
	Unit I: INTRODUCTION	What is AI?History of Ai
	TO AI	What is Machine Learning
		 Difference between conventional
		programming and machine learning
		 How is Machine learning related to
		AI?
		What is data?
APRIL		
		 Examples of unstructured data- text.
		images
		Terminology and Related Concepts
		 Machine learning
		 Supervised learning (examples)
		 Unsupervised learning (examples)
		Deep learning Beinforcement learning
		 Machine Learning Techniques and
		Training
		 Neural Networks
		What machine learning can and cannot do
		More examples of what machine learning
		can and cannot do
		Jobs in Al
		Methods of Communication
	Unit 1 :	• Verbal
	Communication	• Non-verbal
	Skills	• Visual
		Communication styles-
		Writing skills to the following:
		Sentence
		• Phrase
		Kinds of Sentences
		Parts of Sentence
		Parts of Speech
		• Articles
		• Construction of a
		• Paragraph

SUBJECT: ARTIFICIAL INTELLIGENCE(843) BOOKS PRESCRIBED: TOUCHPAD AND SULTAN CHAND <u>CLASS XI</u>

	1	
	Unit 2: AI Applications and Methodologies	 Key Fields of Application in Al Chatbots (Natural Language Processing, speech) Alexa, Siri and others Computer vision Weather Predictions Price forecast for commodities Self-driving cars Characteristics and types of Al Data driven Autonomous systems Recommender systems Human like
		Cognitive Computing (Perception, Learning,
		Reasoning)
MAY		Recommended deep-dive in NLP, CV, etc."
		Al and Society The Future with AL and AL in Action
		Non-technical explanation of deep learning
	Unit 2 Self- Management Skills	 Describe the importance of dressing appropriately, looking decent and positive body language Describe the term Grooming Prepare a personal grooming checklist Describe the techniques of self Exploration Describe the important factors that influence in team building Describe factors influencing team work Meaning and importance of time management – setting and prioritizing goals, creating a schedule, making lists of teacher beloweing mere different
		optimization tools to break large tasks into Smaller tasks
JULY	Unit 3: Maths for AI	 Introduction to matrices (Recap) Introduction to set theory (Recap) Introduction to data table joins Simple statistical concepts Visual representation of data, bar graph, histogram, frequency bins, scatter plots, etc. With co-ordinates and graphs introduction to dimensionality of data
		 Simple linear equation Least square method of regression

	Unit 4: AI Values (Ethical decision making)	 AI: Issues, Concerns and Ethical Considerations Issues and Concerns around AI AI and Ethical Concerns AI and Bias AI: Ethics, Bias, and Trust Employment and AI
AUGUST	Unit 5: Introduction to story telling	 Storytelling: communication across the ages Learn why storytelling is so powerful and cross-cultural, and what this means for data storytelling The Need for Storytelling Story telling with data By the numbers: How to tell a great story with your data. Conflict and Resolution Everyone wants to resolve conflict, and a good data storytelling depends on the background knowledge of your audience. Insights from storytelling Make the audience care about the data Keep the audience engaged Create from the end; present from the beginning Start with an anecdote, end with the data Build suspense, not surprise
	Unit 6: Critical and Creative thinking	 Design thinking framework Right questioning (5W and 1H) Identifying the problem to solve
SEPTEMBER		 Identifying the problem to solve Ideate TERM 1

		Types of structured data
		 Date and time
	Huit 7. Data Analasia	
	Unit 7: Data Analysis	
	(Computational	Depresentation of data
	thinking)	
		Exploring Data
		$_{\odot}$ Cases, variables and levels of
		measurement
		$_{\odot}$ Data matrix and frequency table
		 Graphs and shapes of distributions
		 Mode, median and mean
		\circ Range, interquartile range and box
		plot
		 Variance and standard deviation
		o Z-scores
OCTORER		○ Example
OCTODER		 Practice exercise
		Correlation and Regression
		 Crosstabs and scatterplots
	Unit 8: Regression	• Pearson's r
		 Regression - Finding the line
		 Regression - Describing the line
		Regression - How good is the line?
		 Correlation is not causation
		 Example contingency table
		 Example Pearson's r and
		regression Readings
		• Correlation
		• Regression
		 Caveats and examples
		 Practice exercise Correlation and
		Regression
		 Explain the importance of data
		from above examples
		 How prediction changes with
		changing data?

NOVEMBER	Unit 9: Classification& Clustering	 What is a classification problem? Examples Simple binary classification Introduction to binary classification with logistic regression True positives, true negatives, false positives and false negatives Where we should care more with examples Example- false negative of a disease detection can have different implication than false positive, one will be more physical harm and
		other will be mental Practice exercise on simple Binary Classification model
		 What is a clustering problem? Why is it unsupervised? Examples Practice exercise on simple Clustering model
DECEMBED	Unit 3 – Information and Communication Skills	 Introduction to word Processing. Software packages for word processing. Opening and exiting the word processor. Creating a document Editing Text Wrapping and aligning the text Font size, type and Face Header and Footer Auto correct Numbering and bullet Creating table Find and replace Page numbering. Printing document Saving a document in various formats.
DECEMBER	Unit 10: AI Values (Bias awareness)	 Al working for good Principles for ethical AI Types of bias (personal /cultural /societal) How bias influences AI based decisions How data driven decisions can be debiased
	Unit 4: Entrepreneurial Skills	 Values in general and entrepreneurial values Entrepreneurial value orientation with respect to innovativeness, independence, Outstanding performance and respect for work. Attitudes in general and entrepreneurial Attitudes. Using imagination Intuition Tendency to take moderate risk Enjoying freedom of expression and action

		 Looking for economic Opportunities Believing that we can change the Environment Analyzing situation and planning action Involving in activity 	
	Unit 5 : Green Skills	 Main sectors of green economy- E waste management, green transportation, renewal energy, green construction, water Management Policy initiatives for greening economy in India Stakeholders in green Economy Role of government and private agencies in greening cities, buildings, tourism, industry, transport, renewable energy, waste management, agriculture, water, forests and fisheries 	
JANUARY	Project	Project Work/ Field Visit/ Project/ Ideation + presentation Revision of the syllabus and lab practice	
February		TERM II	

MASS MEDIA STUDIES-

MONTHS		UNITS	
APRIL/MAY	PART A	EMPLOYABILITY SKILLS- UNIT-1 COMMUNICATION SKILLS – III UNIT 2: SELF-MANAGEMENT SKILLS – III	
JULY	PART A	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III UNIT 4: ENTREPRENEURIAL SKILLS – III UNIT 5: GREEN SKILLS – III	
AUGUST	PART B	SUBJECT SPECIFIC SKILLS- UNIT 1: INTRODUCTION OF MASS COMMUNICATION UNIT 2: EVOLUTION OF THE MEDIA	
SEPTEMBER		REVISION/HALF YEARLY	
OCTOBER	PART B	UNIT 3: UNDERSTANDING MEDIA	

		UNIT 4: PREPRODUCTION SKILLS	
NOVEMBER	PART C	PROJECT WORK/FIELD VISIT	
		PRACTICAL WORK	
		PRACTICAL EXAMINATION	
DECEMBER	PART D	VIVA VOCE	
		PRACTICAL FILE/STUDENT PORTFOLIO	
JAN/FEB		REVISION	

BUSINESS ADMINISTRATION

MONTH	CHAPTER /BOOK /MAIN SKILL & UNIT/TOPICS	UNIT/TOPIC
APRIL	Subject Specific Skills	Unit 1 :Introduction to Business Operation
	Employability Skills	Unit 1 : Communication Skills-IV
ΜΑΥ	Subject Specific Skills	Unit 2 : Business Environment
	Employability Skills	Unit 2 : Self-Management Skills- IV
JULY	Subject Specific Skills	Unit 3 :Products & Services
	Employability Skills	Unit 3 : ICT Skills- IV
AUGUST	Subject Specific Skills	Unit 4 :Types of Organisation
	Employability Skills	Unit 4 : Entrepreneurial Skills- IV
SEPTEMBER	1 st term examination	
OCTOBER	Subject Specific Skills	Unit 5 : Formation of Partnership Firm and Joint Stock Company
	Employability Skills	Unit 5 : Green Skills- IV

NOVEMBER	Subject Specific Skills	Unit 6 : Business Correspondence
		Unit 7 : Functional Areas of
	Subject Specific Skills	Wanagement
DECEIVIBER	Subject Specific Skins	Unit 8 :Organisational Behaviour
JANUARY	REVISION	

YOGA (SUBJECT CODE - 841)

MONTH	CHAPTER /BOOK /MAIN SKILL & UNIT/TOPICS	UNIT/TOPIC
APRIL	Subject Specific Skills	Unit 1 – Introduction to Yoga and Yogic Practices - I
MAY	Subject Specific Skills	Unit 2 – Introduction to Yoga Texts - I
JULY	Subject Specific Skills	Unit 3 – Yoga for Health Promotion - I
	Employability Skills	Unit 1 : Communication Skills-IV
AUGUST	Employability Skills	Unit 2 : Self-Management Skills- IV
SEPTEMBER	1 st term examination	
OCTOBER	Employability Skills	Unit 3 : ICT Skills- IV
NOVEMBER	Employability Skills	Unit 4 : Entrepreneurial Skills- IV

DECEMBER	Employability Skills	Unit 5 : Green Skills- IV
JANUARY	REVISION	

Subject: Hindustani Percussion Instruments

Month	Chapter and	Activity
	sub-topic	
April	Lay and Teentaal,	Practice on Tabla
	dugun, chaigun, life	and Padhant on
	sketch of Kudau	hand
	Singh maharaj	
May	Sangeet, Jhaptaal	Practice on Tabla
	and Ektaal, Kayda	and Padhant on
	in Teentaal	hand
July	Kala, some paltas	Practice on Tabla
	and Tihai of Kayda	and Padhant on
	in Teentaal, tukra in	hand
	Teentaal	
August	Banaras gharana,	Practice on Tabla
	Bedum Tihai,	and Padhant on
	Chakkardar Tukra	hand
September	Revision	
October	Natyashastra with	Practice on Tabla
	special reference to	and Padhant on
	Awanadya Vadya,	hand
	Kayda with Palta	
	and Tihai in Jhaptaal	
November	Life sketch of Nana	Practice on Tabla
	Panse, Rela in	and Padhant on
	Teentaal	hand
December	Kudau Singh	Practice on Tabla
	gharana, Rela, Tukra	and Padhant on
	in Jhaptaal	hand
January	Sadharan and	Practice on Tabla
	chakkardar Paran in	and Padhant on
	Teentaal, Sultaal	hand
February	Revision	