



Doon Public School

A New Generation Sr. Sec. School | Affiliated to CBSE
Sector 21, Panchkula - 134 112 (Haryana)

Class- XI (Science) Syllabus for the Session 2026-27 English Core

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
TERM-I	April & May	Chapter No.1 : The Portrait of a Lady (Prose), Hornbill	Students will be able to: Remember: The key events , character sketch of grandmother, moral values, and message of the chapter Understand: The bonding between grandmother and Khushwant Singh, grandmother's love for animals Apply: Grand mothers' values, love for animals and adaptability in real life Analyze: The difference in village school education and city school education
		A Photograph (poem), Hornbill	Students will be able to: Remember: The theme, message and personal experiences of the poet Understand: The significance of photograph, poetic devices and the pain of losing mother Apply: The poem's theme in real life situation and valuing every moment Analyze: The events of mother's past and poet's past and how they create a beautiful bonding between mother and a daughter
		Creative Writing- Note Making	Students will be able to: Remember: The format of Note Making and key character of note making Understand: The importance of note-making in learning and retention Apply: Note making technique in various subjects for better understanding Analyze: The effectiveness of note making
		Chapter No.1: The Summer of the Beautiful White Horse (prose) Snapshots	Students will be able to: Remember: The story events, characteristics of Mourad and Aram and setting of the chapter Understand: The theme of honesty, family, morality through characters Apply: The decision making , overcoming dilemma and choosing the right path qualities in real life Analyze: The cultural values of the tribe
		Chapter No. 2: We aren't Afraid to Die... if We can be together (prose) Hornbill	Students will be able to: Remember: The message , character traits of all the characters and the events of the voyage Understand: The importance of family, courage and togetherness Apply: The moral values gained from the chapter in real life to create better family bonding Analyze: The days of January 3rd to January 5th and analyse the behaviour and support of every character

		Creative Writing- Classified Advertisement , Speech Writing	Students will be able to: Remember: The format of advertisement and speech writing Understand: The purpose and structure of a classified advertisement and coherence in speech writing Apply: The writing skills in real life situation Analyze: The importance of correct format and content
	June	SUMMER BREAK	
	July	Chapter No. 2 : The Address (Prose) Snapshots	Students will be able to: Remember: The decision making in midst of mental struggles of a doctor and his medical ethics Understand: The effect of war, significance of address in character's life Apply: The concept of attachment-dettachment, importance of memories over materialism in real life to move ahead Analyze: The emotional journey and character development with the course of event
		Integrated Grammar	Students will be able to: Remember: The key rules to use subject verb and tenses Understand: The importance of grammar in using right syntax Apply: Correct usage of language in real life situation Analyze: The importance of correct use of language
		The Laburnum Top (Poem) Hornbill	Students will be able to: Remember: The theme, message and personal experiences of the poet Understand: The significance of Laburnum tree and goldfinch's behaviour; poetic devices Apply: The poem's theme in real life situation and work silently and enjoy the activity in phase in life Analyze: The poet's use of language and structure
	August	PERIODIC TEST I	
		Chapter No. 3- Discovering Tut (prose) Hornbill	Students will be able to: Remember: The key facts about King Tut's life and tomb Understand: The possible reason of his death and about his family tree Apply: The understanding of ancient Egyptian history to contextualize current events Analyze: The impact of King Tut's tomb discovery on the understanding of ancient Egyptian history
	September	TERM I EXAMINATION	

Physics

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
TERM-I		Chapter 1: Units and Measurements	Students will be able to: Remember: Need for measurement and systems of units Understand: Concept of SI units, fundamental ,derived units and significant figures Apply: Concept of dimensions of physical quantities to dimensional analysis and its applications Analyze: Concept of the uncertainty in result to explore accuracy and precision

April & May	Chapter 2: Motion in a Straight Line	Students will be able to: Remember: Frame of reference and concept of one-dimensional motion using position-time and velocity-time graphs Understand: Concept of average speed, average velocity, and instantaneous velocity to solve numerical problems Apply: Concept of 2D motion on graphical interpretation of motion and hence solve related problems Analyze: Basic differentiation and integration concepts to derive equations of motion under uniform acceleration
	Chapter 3: Motion in a Plane	Students will be able to: Remember: Scalar and vector quantities with examples and identify vector notations Understand: Vector operations and resolve vectors into components using graphical and analytical methods Apply: Motion in a plane concept to the cases of uniform velocity, uniform acceleration- projectile motion and uniform circular motion Analyze: Resolution of a vector in a plane in its rectangular components to compute Scalar and Vector product of vectors
June	SUMMER BREAK	
July	Chapter No. 4: Laws of Motion	Students will be able to: Remember: Newton's laws of motion and related concepts like force, inertia, and momentum with examples. Understand: Laws of motion to real-life scenarios such as vehicles on curved roads. Apply: Types of friction, concept of uniform circular motion, centripetal force and centripetal acceleration to real world problems. Analyze: Concepts learned to develop competency to solve numerical problems.
	Chapter No. 5 : Work, Energy and Power	Students will be able to: Remember: Work, energy, conservative and non-conservative forces. Understand: Work-energy theorem and calculate energy in systems including springs and circular motion. Apply: Concept of power in mechanical systems using real-life contexts. Analyze: Problems on the concept of work, energy, collisions in one and two dimensions.
August	PERIODIC TEST I	
	Chapter No. – 7 Gravitation	Students will be able to: Remember: Kepler's laws of planetary motion and universal law of gravitation. Understand: Acceleration due to gravity and its variation with altitude and depth Apply: The concept of Gravitational potential energy and gravitational potential in real world situations. Analyze: Concept of escape speed , orbital velocity and energy of an orbiting satellite to geostationary .
	Chapter No. – 6 System of Particles and Rotational Motion	Students will be able to: Remember: Centre of mass, momentum conservation, moment of force, torque, and angular momentum, equilibrium of rigid bodies, rotational motion, moment of inertia, radius of gyration, and moments of inertia of

		simple geometrical objects. Understand: Centre of mass of a two-particle system, a rigid body, and a uniform rod; centre of mass motion; conservation of momentum and angular momentum; equilibrium of rigid bodies; rotational motion; comparison of linear and rotational motion; moment of inertia and radius of gyration. Apply: The laws of conservation of momentum and angular momentum; solve numerical problems on rotational motion. Analyze: Linear and rotational motion and rotational equilibrium and conservation of angular momentum in real-life situations
	September	TERM I EXAMINATION

Chemistry

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
Term - I	April & May	Chapter No. 1: Some Basic Concepts of Chemistry	Students will be able to: Remember: The concept of mole, molar mass, and significant figures Understand: The laws of chemical combination and mole concept Apply: The concept in solving numerical problems on mass, mole, and volume Analyze: The limiting reagent and percentage yield in reactions
		Chapter No. 2: Structure of Atom	Students will be able to: Remember: The atomic models and subatomic particles Understand: The Bohr's model and quantum numbers Apply: The knowledge to write electronic configurations using rules Analyze: The different atomic models and their limitations
		Chapter No. 3: Classification of Elements and Periodicity in Properties	Students will be able to: Remember: The modern periodic law and periodic table structure Understand: The periodic trends in properties Apply: The knowledge to predict element properties based on position Analyze: The trends and justify periodic behaviour
	June	SUMMER BREAK	
	July	Chapter No. – 4 Chemical Bonding and Molecular Structure	Students will be able to: Remember: The types of bonds and octet rule Understand: The VSEPR theory and hybridization Apply: Lewis structures and predict molecular shape Analyze: The bond types and explain molecular geometry
		Chapter No. – 5 Chemical Thermodynamics	Students will be able to: Remember: The key thermodynamic terms and define system, surroundings Understand: The laws of thermodynamics and enthalpy changes Apply: The acquired knowledge to solve problems on heat, work, and internal energy Analyze: The various thermodynamic processes and differentiate between them
	August	PERIODIC TEST I	

		Chapter No. – 6 Equilibrium	Remember: Define dynamic equilibrium and related terms. Understand: Explain Le Chatelier's Principle and equilibrium constants. Apply: Calculate K _c and K _p ; predict shift in equilibrium. Analyze: Compare physical and chemical equilibria with examples.
	September	TERM I EXAMINATION	

Biology

Books prescribed- NCE`RT			
	Months	Content	Learning Outcomes
Term -I	April & May	Chapter No. 1: The Living World	Students will be able to: Remember: The characteristics of living organisms, biodiversity term. Understand: Taxonomic hierarchy and need for classification. Apply: The gained knowledge to identify living vs non-living based on characteristics. Analyze: The importance of taxonomy in studying biodiversity
		Chapter No. 2 : Biological Classification	Students will be able to: Remember: Five kingdom classification, characteristics of Monera, Protista, Fungi. Understand: Basis of classification and evolution. Apply: The gained knowledge to classify organisms into kingdoms. Analyze: The comparison of kingdoms based on features.
		Chapter No.3: Plant kingdom	Students will be able to: Remember: The characteristics of algae, bryophytes, pteridophytes, gymnosperms. Understand: The classification based on reproduction and body organization. Apply: The gained knowledge to identify different plant groups in surroundings. Analyze: Life cycles and evolutionary trends in plant groups.
		Chapter No. 4: Animal Kingdom	Students will be able to: Remember: Basis of classification and phyla characteristics Understand: Differences among chordates and non- chordates Apply: The gained knowledge to classify animals based on features Analyze: Evolutionary relationship among organisms
		Chapter No. 5: Morphology of Flowering Plants	Students will be able to: Remember: Parts of plants and types of root, stem and leaves Understand: Modifications and functions of plant parts Apply: The identification of plant parts in real specimens Analyze: Comparison of morphological adaptations
	June	SUMMER BREAK	

	July	Chapter No. 6: Anatomy of Flowering Plants	Students will be able to: Remember: Characteristics of meristematic and permanent tissues, tissue systems, stomata, vascular bundles, and anatomical features of roots, stems and leaves Understand: Organization and functions of plant tissues, secondary growth, and internal structure of monocot and dicot root, stem and leaves Apply: Anatomical adaptations of plants to xeric, hydric and mesophytic habitats and interpret transverse sections Analyze: The difference monocot and dicot anatomy, primary and secondary growth, and correlate structure with function
		Chapter No. 7: Structural Organisation in Animals.	Students will be able to: Remember: Characteristics, location and functions of epithelial, connective, muscular and neural tissues and organs of frogs Understand: Tissue organization, organ systems and morphology and anatomy of the Frog Apply: Tissue structure to physiological functions and identify tissues from diagrams and slides Analyze: Different tissue types and evaluate organ-system level organization in animals
		Chapter No. 8: Cell: The Unit of Life.	Students will be able to: Remember: Cell theory, cell organelles, plasma membrane, cell wall and cell inclusions Understand: Structure and functions of organelles, membrane transport and cell organization Apply: Cell diagrams, electron micrographs and relate organelle functions to cellular activities Analyze: The difference between prokaryotic and eukaryotic cells, plant and animal cells, and evaluate organelle interactions
	August	PERIODIC TEST I	
		Chapter No. – 9 Biomolecules	Students will be able to: Remember: Carbohydrates, proteins, lipids, nucleic acids, enzymes and their basic structures. Understand: Composition, classification, functions and biochemical significance of biomolecules and enzymes. Apply: The gained knowledge to perform and interpret biochemical tests and relate biomolecules to metabolism and nutrition. Analyze: Biomolecules based on structure and function and evaluate enzyme activity under different conditions.
		Chapter No. 10: Cell Cycle and Cell Division	Students will be able to: Remember: Phases of cell cycle, mitosis, meiosis and chromosome structure. Understand: Events occurring during cell cycle, mitosis, meiosis and their biological significance. Apply: Stages of division from diagrams and relate cell division to growth, repair and reproduction. Analyze: Mitosis and meiosis and evaluate the significance of chromosome behaviour and genetic variation.
	September	TERM I EXAMINATION	

Mathematics (041)

Book Prescribed: NCERT			
	Months	Content	
Term - I	April & May	Chapter No. 5 : Complex Numbers and Quadratic Equations	Students will be able to: Remember: Real Number System Understand: Need for complex numbers Apply: Algebraic properties of complex numbers Analyze: Argand plane and polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system.
		Chapter No.9: Sequences and Series	Students will be able to: Remember: Sequence and Series Understand: Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P Apply: The gained knowledge to calculate the sum of n terms of a G.P., arithmetic mean and geometric mean Analyze: Relation between A.M. and G.M
	June	SUMMER BREAK	
	July	Chapter No.3 – Trigonometric Functions	Students will be able to: Remember: Positive and negative angles Understand: Measuring angles in radians and in degrees and conversion from one measure to another Apply: 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 Analyze: Domain and range of Trigonometric functions and their graphs. Simple applications
		Chapter No.5 : Linear Inequalities	Students will be able to: Remember: Linear inequalities Understand: Algebraic solutions of linear inequalities in one variable and their representation on the number line Apply: Solution of linear inequalities graphically Analyze: Solving of linear inequalities using graphical method
		Chapter No.7: Binominal Theorem	Students will be able to: Remember: Historical perspective Understand: Statement and proof of the binomial theorem for positive integral indices. Apply: Connecting binomial theorem with Pascal's triangle Analyze: Simple applications
		Chapter No.12: Limits & Derivatives	Students will be able to: Remember: Derivative introduced as rate of change both as that of distance function and geometrically Understand: Definition of derivative relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions of polynomial and trigonometric functions Apply: Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. idea of limit Analyze: Derivative of sum, difference, product and quotient of functions
	August	PERIODIC TEST I	

		Chapter No.1 – Sets	Students will be able to: Remember: Sets and their representations Understand: Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set Apply: Venn diagrams, Union and Intersection of sets, Difference of sets. Complement of a set Analyze: Properties of Complement
		Chapter No.2 : Relations and Functions	Students will be able to: Remember: Ordered pairs. Cartesian product of sets Understand: Definition of relation, pictorial diagrams, domain, co-domain and range of a relation Apply: Pictorial representation of a function, domain, co-domain and range of a function Analyze: Sum, difference, product and quotients of functions
	September	TERM I EXAMINATION	

Computer Science

Book Prescribed: Computer Science with Python (Sumita Arora by Dhanpat Rai Publication)			
	Months	Content	Learning Outcomes
Term-1	April & May	Chapter No. 1: Computer System Organization	Students will be able to: Remember: Key components of a computer system and recall basic terminology related to computer architecture Understand: The function of each component in a computer system Apply: The acquired knowledge to demonstrate how different units (input, processing, output, storage) work together in real-life scenarios Analyze: The difference between primary and secondary memory in terms of speed and use
		Chapter No. 2: Data Representation	Students will be able to: Remember: Number systems such as binary, decimal, octal, and hexadecimal and their inter conversion Understand: The conversion process between number systems and interpret binary codes and ASCII values for characters Apply: The gained knowledge to convert numbers between binary, decimal, octal, and hexadecimal systems Analyze: Different number systems in terms of usage and efficiency
	June	SUMMER BREAK	
		Chapter No 4 Introduction to problem Solving	Students will be able to: Remember: Steps of the problem-solving process (e.g., understanding the problem, planning the solution, executing the plan, reviewing the results) Understand: The importance of problem-solving in computer science and daily life Apply: Flowchart or pseudo code to represent the steps of a simple problem Analyze: The effectiveness of a problem-solving approach based on time, accuracy, and complexity

	July	Chapter No. 5 : Getting Started with Python	Students will be able to: Remember: Python and identify it as a high-level, interpreted programming language Understand: How Python differs from other programming languages (e.g., its simplicity, readability) Apply: Execute Python code and correct basic syntax errors Analyze: Break a problem into smaller steps and write a Python program to solve it using appropriate syntax and logic
		Chapter No. 6 : Python Fundamentals	Students will be able to: Remember: Key Python concepts: variables, data types, operators, and expressions Understand: How Python handles different data types during operations Apply: Accept input from users and process it using expressions and operators Analyze: Debug Python code involving variables, data types, and operators
		Chapter No. 9: flow of Control (up to control statements)	Students will be able to: Remember: The three types of control structures in Python Understand: How conditional constructs change the flow of a Python program Apply: Solve real-world problems using control flow statements (e.g., check for even/odd, number guessing game, grade calculator) Analyze: Trace the execution of Python programs with multiple control statements and predict the output
	August	PERIODIC TEST I	
		Chapter No. 3 : Boolean Logic	Students will be able to: Remember: Definition of Boolean logic and its basic operations (AND, OR, NOT) ; Recall truth tables for basic Boolean operations and list Boolean laws and identities (e.g., De Morgan's Theorems) Understand: The function of each Boolean operator and interpret truth tables and Boolean expressions Apply: Boolean logic in real-world scenarios such as conditional programming and logic gates Analyze: Digital circuits or logical conditions using Boolean expressions
	September	TERM I EXAMINATION	

Physical Education

Book Prescribed: SP Book			
	Months	Content	Learning Outcomes
TERM-I		UNIT-1 Changing Trends and Career in Physical Education	Students will be able to: Remember: The definition of physical education and its importance Understand: How physical education has evolved over the years and the qualifications and skills required for various careers Apply: The gained knowledge of fitness trends to create a basic fitness routine Analyze: Traditional and modern approaches to physical education and how global trends are shaping career opportunities in choosing physical education as a profession

	April & May	UNIT-2 Olympic Value Education	Students will be able to: Remember: The history and origin of the Olympic Games and the important Olympic movements and personalities and symbols of the olympic Understand: The meaning and importance of each Olympic value and understand the role of sports in character and moral development Apply: Olympic values in school or sports activities and organize small games or events that reflect Olympic spirit and values Analyze: Real-life examples where sports helped overcome conflict or brought social change and evaluate how effectively Olympic values are practiced in modern sports
	June	SUMMER BREAK	
	July	UNIT-3 Yoga	Students will be able to: Remember: Definition of yoga and its origin and list different types of yoga Understand: The purpose of yoga for physical, mental, and spiritual well-being Apply: The gained knowledge to perform simple yoga asanas and breathing exercises with correct technique Analyze: The impact of yoga on health conditions like anxiety, obesity, or back pain and its reflection on personal changes through regular practice
		UNIT-4 Physical Education and Sports for Children with Special Needs	Students will be able to: Remember: The different types of disabilities and definition of Children with Special Needs (CWSN) Understand: The importance of physical activity for children with special needs and how to modify activities and equipment to suit individual needs Apply: The gained knowledge to create or modify a basic physical activity to suit children with different abilities by using inclusive strategies in games or group activities Analyze: Traditional and inclusive physical education approaches, challenges faced by CWSN in accessing sports opportunities
	August	PERIODIC TEST I	
		UNIT-5 Physical Fitness, Wellness and Lifestyle	Students will be able to: Remember: Key terms -Define physical fitness, wellness, and a healthy lifestyle and the components of physical fitness, types of wellness , healthy habits and lifestyle factors Understand: The relationship between physical activity, wellness, and quality of life and understand how wellness is a lifelong process that includes physical and mental balance Apply: The gained knowledge to create and follow a daily fitness routine and set realistic goals for improving personal fitness, also use tools to track progress Analyze: Different types of fitness routines and their long-term impacts and how lifestyle choices affect academic performance, mood, and physical health
	September	TERM I EXAMINATION	

Painting

Book Prescribed: An Introduction of Indian Art Part -1 +Panoramic Indian Painting + A2 Size Practical Files-2

	Months	Content	Learning Outcomes
TERM-I	April & May	Chapter No. : Fundamentals of Art	Students will be able to: Remember: The key elements and principles of art, including line, shape, form, space, texture, value, and colour Understand: How artists use these fundamentals to communicate meaning and explain the significance and function of various elements in artistic composition Apply: The acquired knowledge to demonstrate the use of basic elements and principles in creating simple art compositions Analyze: How the fundamentals are employed across various styles and periods of art.
	June	SUMMER BREAK	
	July	Chapter No. : Arts of Indus Valley Civilization	Students will be able to: Remember: The key features and archaeological findings from the Indus Valley Civilization Identify prominent sites such as Mohenjo-daro, Harappa, and Lothal. Understand: The significance of seals, terracotta figurines, sculptures, and pottery in the Indus Valley. The artistic and technical excellence achieved in this civilization. Apply: The stylistic features and cultural influences in Indus Valley artifacts. The motifs and forms of the Indus Valley to later Indian art traditions. Analyze: The role of art in the socio-economic and religious practices of the Indus people. The contribution of the Indus Valley to the evolution of Indian art.
		Chapter No. : The Pre-Historic rock Paintings	Students will be able to: Remember: The major prehistoric sites and examples of rock art in India and globally and recall the historical timeline and cultural context of prehistoric paintings Understand: The materials, tools, and techniques used by prehistoric artists Apply: The acquired knowledge to recreate a composition inspired by Pre-Historic rock painting techniques using natural or traditional materials Analyze: The cultural and historical significance of rock art in early human civilizations
	August	PERIODIC TEST I	
		Chapter No. : Buddhist, Jain and Hindu Art	Students will be able to: Remember: The important monuments, sculptures, and architectural styles from Buddhist, Jain, and Hindu traditions. The significant sites such as Sanchi, Ajanta, Ellora, and Khajuraho. Understand: The iconography, symbolism, and stylistic developments of each religious tradition. The evolution of temple architecture and narrative sculpture. Apply: The differences and similarities in motifs and structures across the three traditions. The knowledge of symbolic representation to analyze artwork. Analyze: The role of religion and patronage in the growth of Indian art.
	September	TERM I EXAMINATION	

Hindustani Music Vocal

Book Prescribed: Sangeet Anand + Sangeet Shelly Practical File (Unique Publications)

	Months	Content	Learning Outcomes
TERM-I	April & May	Unit 1 Naad, Shruti, Swar, Saptak, Thaata, Jaati, Laya, Taal, Margi Sangeet Desi Sangeet, Raga.	Students will be able to: Remember: Key terms related to Hindustani Music (e.g., raga, tala, swara, laya) Understand: Basic terms of Indian Classical Music Apply: The gained understanding of Swaras and Talas to create different types of compositions in Indian classical Music Analyze: The structure and composition of Hindustani Music pieces
		Unit 4 Description of prescribed Talas (Teentala, Ektala) with Tala Notation in Thah, Dugun, and Chaugun Knowledge of the structure of Tanpura	Students will be able to: Remember: The prescribed notation system of Ektaal, Teentaal along with their Layakaries ; The structure of Tanpura Understand: The concept of Thah, Dugun and Chaugun in Hindustani Music Apply: The acquired knowledge of Talas and rhythmic patterns in vocal performances Analyze: Different Talas and their applications and the importance of Tanpura in Hindustani Music
		Unit 2: Brief history of Khayal Brief study of Dhrupad and Tarana .	Students will be able to: Remember: Key features and historical background of Dhrupad Khayal and Tarana Understand: The description of role of each form in Hindustani Music Apply: The knowledge of these forms in vocal performances Analyze: The significance of each form in Hindustani Music's development
	June	SUMMER BREAK	
	July	Unit 5 Critical study of Prescribed Ragas along with Recognizing Ragas from phrases of Swaras and elaboration them. Writing in notation the compositions of Raag Bihag and Bhimplasi	Students will be able to: Remember: Thaata, time of singing, and important swaras (Vadi–Samvadi) and identify aroha–avaroha, pakad, and chalan of each raga Understand: How theoretical rules are reflected in practical rendition Apply: The acquired knowledge to demonstrate raga compositions (bandish, chota khayal) in appropriate taal Analyze: A performance and its break down into theoretical components—aroha, avaroha, nyas swar, chalan, and taan structure
	August	PERIODIC TEST I	

		Unit 3 Brief study of Musical Elements in Natya Shastra Life sketch and contribution of Tansen V.N.Bhatkhande and V.D.Paluskar	Students will be able to: Remember: The main musical elements of Natya Shastra, important facts from the life and works of Tansen, V.N. Bhatkhande, and V.D. Paluskar Understand: The importance of Natya Shastra in shaping Indian music and the contributions of Tansen, Bhatkhande, and Paluskar Apply: The gained knowledge to relate Bhatkhande's Thaata system to present-day Raga classification and connect Paluskar's efforts in spreading music education to modern institutions Analyze: The contributions of Tansen, Bhatkhande, and Paluskar in the development of Hindustani music and critically examine how the Natya Shastra influenced later music theory and practice
	September	TERM I EXAMINATION	

Web Application

Book Prescribed: CBSE Resources			
	Months	Content	Learning Outcomes
TERM-I		Chapter No. : 1 (Part-A) Communication Skills-III	Students will be able to: Remember: The definition of communication, types of communication Understand: The importance of communication, barriers to communication Apply: The gained knowledge to apply communication skills and communication techniques in real-life situations Analyze: Different communication styles, analyzing effective and ineffective communication
	April & May	Chapter No. : 2 (Part-B) Website Building Using HTML and CSS (Upto image)	Students will be able to: Remember: Basic tags and elements of HTML, basic properties and selectors of CSS Understand: The structure of a web page Apply: The acquired knowledge to create simple web pages using HTML, Style web pages (using CSS) to make them visually appealing Analyze: Different errors in HTML and CSS code and the way to fix them
	June	SUMMER BREAK	
	July	Chapter No. : 2 Self Management Skills-III	Students will be able to: Remember: The basic facts, definitions, and concepts related to self-management Understand: The importance of self-motivation and self-management Apply: The techniques of self-management in daily life situations Analyze: The complex behaviour patterns or problems to understand causes and effects

		Chapter No. : 2 (Part-B) Website Building Using HTML and CSS	Students will be able to: Remember: Basic tags and elements of HTML, basic properties and selectors of CSS Understand: The structure of a web page Apply: The acquired knowledge to create simple web pages using HTML, Style web pages (using CSS) to make them visually appealing Analyze: Different errors in HTML and CSS code and the way to fix them
	August		PERIODIC TEST I
		Chapter No. :1 (Part-B) : Basics of Networking	Students will be able to: Remember: Computer network and types of networks, network devices Understand: The purpose and benefits of networking Apply: The acquired knowledge to determine the best network type for a given scenario (e.g., school vs. city-wide office) Analyze: The advantages and disadvantages of various topologies.
	September		TERM I EXAMINATION

Yoga

Book Prescribed: CBSE			
	Months	Content	Learning Outcomes
TERM-I	April & May	Unit-1 Introduction to Yoga (Yoga)	Students will be able to: Remember: The term Yoga, its origin, history, and development in India Understand: The meaning, purpose, and importance of Yoga for physical, mental, and spiritual well-being Apply: The gained knowledge to demonstrate selected yogic practices including simple asanas, pranayama techniques, meditation, and relaxation methods Analyze: The impact of Yoga on stress and lifestyle diseases and compare Yoga with other forms of physical exercise
		UNIT-1 Communication Skills-III (Employability skill)	Students will be able to: Remember: The types, the elements of the communication process, the 7 Cs of effective communication and barriers to communication Understand: The importance of effective communication in daily life and the workplace, non-verbal communication cues and the difference between formal and informal communication Apply: Effective communication in role-plays and presentations using proper tone, pitch, and body language Analyze: The difference between effective and ineffective communication styles, real-life or simulated scenarios to identify communication gaps or breakdowns and the impact of communication barriers on relationships or work performance
	June		SUMMER BREAK

	July	UNIT-2 Introduction to Yoga Texts (Yoga)	Students will be able to: Remember: The number of limbs in Ashtanga Yoga and Patanjali Yoga Sutras Understand: The significance of the Patanjali Yoga Sutras in the philosophy and yogic teachings of the Bhagavad Gita. Describe the difference between Hatha Yoga and Raja Yoga." Apply: How concepts from yoga texts can be applied in daily life and practice of basic yoga techniques. Analyze: The teachings of Patanjali Yoga Sutras and the Bhagavad Gita and discuss the philosophical foundations of yoga as presented in classical texts.
		UNIT-2 Self-Management II Skills (Employability Skill)	Students will be able to: Remember: The definition of self-management, its key skills such as self-discipline, motivation, organization and recall techniques for managing time, stress, and emotions effectively Understand: The importance of self-management in personal and academic life and the consequences of poor self-management, importance of self-discipline in forming habits and routines to yield productivity Apply: The knowledge of SMART goals for personal or academic growth, time management tool and stress-reducing strategies to organize tasks Analyze: Effective vs. ineffective self-management strategies in different scenarios, obstacles to self-management and how self- management impacts academic performance and relationships
	August	PERIODIC TEST I	
	September	TERM I EXAMINATION	

Library & Information Science

Book Prescribed: CBSE			
	Months	Content	Learning Outcomes
TERM-I	April & May	Chapter No. : Communication Skills-III (Employability Skills)	Students will be able to: Remember: The do's and don't of good communication Understand: The importance of good communication to enhance personality Apply: The skill of communication for impactful conversation Analyze: The need of good communication in one's life
		Chapter No. : Library Information and Society - Role and its implications	Students will be able to: Remember: The key terms like library, information, society, and knowledge economy Understand: The role of libraries in social, educational, and cultural development Apply: The gained knowledge to demonstrate how libraries support digital literacy and lifelong learning Analyze: How societal changes (technology, economy, education) impact libraries

	July	Chapter No. – 2 Self - Management Skills III (Employability Skills)	Students will be able to: Remember: The definition of self-management and identify its key components (e.g., goal-setting, time management, emotional regulation) Understand: The importance of self-management in personal and academic life through group discussion Apply: The gained knowledge to create a daily or weekly self-management plan that includes goals, schedules, and personal reflection points Analyze: A scenario or case study involving poor self-management and identify what went wrong and how it could be improved
		Chapter No. : 2 Organization of Library Resources: Basics	Students will be able to: Remember: The key concepts and terminology related to organizing library resources. Understand: The purpose and function of organizing systems in libraries. Apply: The knowledge in real-world or simulated cataloging and classification tasks. Analyze: The understanding to break down complex cataloging/classification processes and evaluate them
	August	PERIODIC TEST I	
		Chapter No. : 3 ICT Skills – III (Employability Skills)	Students will be able to: Remember: The basic terms, tools, and functions related to ICT tools and software Understand: The concept of different ICT tools which help in managing information effectively Apply: The gained knowledge to use ICT tools to create, organize, and share information Analyze: Different ICT tools based on purpose, usability, and efficiency.
		Chapter No.3 Reference and Information Sources	Students will be able to Remember: The various types of reference sources Understand: The purpose and content of various reference sources Apply: The gained knowledge to explore reference sources for specific information needs Analyze: The effectiveness of different reference sources
	September	Term I Examination	

Marketing

Book Prescribed: CBSE Notes			
	Months	Content	Learning Outcomes
TERM-I	April & May	Unit-1 Introduction to Marketing	Students will be able to: Remember: Meaning of marketing, market, customer, marketing mix (4Ps), functions of marketing Understand: Difference between selling and marketing; concept of customer satisfaction and modern marketing Apply: The gained knowledge to identify marketing strategies used by companies in real life Analyze: Marketing mix (Product, Price, Place, Promotion) of different products

		Unit I- Communication Skills (Employability Skills)	Students will be able to: Remember: The key terms like verbal, non-verbal, written, and visual communication Understand: The importance of tone, clarity, listening, and feedback in effective communication Apply: Proper communication in real-life banking scenarios (e.g., dealing with customers) Analyze: The communication barriers and suggest improvements
	June	SUMMER BREAK	
	July	Unit – II Marketing Environment (Subject specific skill)	Students will be able to: Remember: Meaning and components of marketing environment; micro and macro environment Understand: The impact of internal and external environmental factors on marketing decisions Apply: The knowledge to identify environmental influences on brands and businesses Analyze: The effect of competition, technology, economy, and social trends on marketing strategies
	August	Periodic Test I	
		Unit-III Marketing Segmentation, Targeting & Positioning (Subject specific skills)	Students will be able to: Remember: Meaning of market segmentation, targeting and positioning; bases of segmentation Understand: The importance of dividing markets and selecting target customers Apply: STP concepts to identify target audiences of various brands Analyze: Positioning strategies adopted by companies in competitive markets
		Unit-II Self-Management Skills (Employability Skill)	Students will be able to: Remember: The concepts of self-awareness, self-confidence, motivation and stress management Understand: The importance of positive attitude, goal setting and time management Apply: Self-management techniques in personal and academic life Analyze: Different situations involving stress and ways to handle them effectively
	September	Term I Examination	