



# 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 2025-26 English Core

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

			<b>Analyze:</b> The importance of correct format and content
	<b>July</b>	Chapter No. : The Address (prose) Snapshots	<b>Students will be able to:</b> <b>Remember:</b> The events, setting, and characteristics of the main character <b>Understand:</b> The effect of war, significance of address in character's life <b>Apply:</b> The concept of attachment-detachment, importance of memories over materialism in real life to move ahead <b>Analyze:</b> The emotional journey and character development with the course of event
		Integrated Grammar	<b>Students will be able to:</b> <b>Remember:</b> The key rules to use subject verb and tenses <b>Understand:</b> The importance of grammar in using right syntax <b>Apply:</b> Correct usage of language in real life situation <b>Analyze:</b> The importance of correct use of language
		The Laburnum Top (poem), Hornbill	<b>Students will be able to:</b> <b>Remember:</b> The theme, message and personal experiences of the poet <b>Understand:</b> The significance of Laburnum tree and goldfinch's behaviour; poetic devices <b>Apply:</b> The poem's theme in real life situation and work silently and enjoy the activity in phase in life <b>Analyze:</b> The poet's use of language and structure
	<b>August</b>	<b>PERIODIC TEST-I</b>	
		Chapter No. 3: Discovering Tut (prose) Hornbill	<b>Students will be able to:</b> <b>Remember:</b> The key facts about King Tut's life and tomb <b>Understand:</b> The possible reason of his death and about his family tree <b>Apply:</b> The understanding of ancient Egyptian history to contextualize current events <b>Analyze:</b> The impact of King Tut's tomb discovery on the understanding of ancient Egyptian history
	<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Physics

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
<b>TERM-I</b>	<b>April</b>	Chapter 1: Units and Measurements	<b>Students will be able to:</b> <b>Remember :</b> Fundamental and derived units, SI system of units <b>Understand:</b> The needs for measurement and various unit systems (SI, CGS, FPS) <b>Apply:</b> Physical quantities and list the seven base SI units <b>Analyze:</b> Rules of significant figures and calculate errors and interpret measurement uncertainty
	<b>May &amp; June</b>	Chapter 2: Motion in a Straight Line	<b>Students will be able to:</b> <b>Remember:</b> Key terms- displacement, velocity, acceleration, distance, and speed ; Recall equations of motion <b>Understand:</b> Frame of reference and describe one-dimensional motion using position-time and velocity-time graphs. <b>Apply:</b> Concept of average speed, average velocity, and instantaneous velocity to solve numerical problems <b>Analyze :</b> Graphical representation of motion.

		Chapter 3: Motion in a Plane	<b>Students will be able to:</b> <b>Remember :</b> Key terms- projectile motion, trajectory, range, and maximum height <b>Understand :</b> Scalar and vector quantities with examples and identify vector notations <b>Apply:</b> Vector operations and resolve vectors into components using graphical and analytical methods <b>Analyze:</b> Equations of motion for projectile and circular motion 2D motion analysis.
	July	Chapter 4: Laws of Motion	<b>Students will be able to:</b> <b>Remember :</b> Newton's three laws of motion and key terms - inertia, momentum, force, and impulse <b>Understanding:</b> Newton's laws of motion and related concepts like force, inertia, and momentum with examples <b>Apply:</b> Laws of motion to real-life scenarios such as vehicles on curved roads <b>Analyze:</b> Types of friction and uniform circular motion in terms of centripetal force
	<b>PERIODIC TEST-I</b>		
	August	Chapter 5: Work, Energy and Power	<b>Students will be able to:</b> <b>Remember :</b> Definition of work, energy and power and formulas of work, kinetic energy and potential energy <b>Understand:</b> Work and energy concept; differentiate conservative and non-conservative forces. <b>Apply:</b> Work-energy theorem and calculate energy in systems including springs and circular motion. <b>Analyze:</b> Concept of power in mechanical systems using real-life contexts.
	August	Chapter 7: Gravitation	<b>Students will be able to:</b> <b>Remember :</b> The universal laws of gravitation and key terms gravitational force, gravitational potential energy, escape velocity and orbital velocity <b>Understand:</b> Kepler's laws and define gravitational potential, escape velocity, and types of mass. <b>Apply:</b> The law of gravitation to calculate forces and orbital parameters like velocity and energy. <b>Analyze:</b> Variations in gravity with altitude/depth and distinguish gravitational vs inertial mass.
	September	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Chemistry

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
Term - I	April	Chapter No. 1:  Some Basic Concepts of Chemistry	<b>Students will be able to:</b> <b>Remember:</b> The concept of mole, molar mass, and significant figures <b>Understand:</b> The laws of chemical combination and mole concept <b>Apply:</b> The concept in solving numerical problems on mass, mole, and volume <b>Analyze:</b> The limiting reagent and percentage yield in reactions

	<b>May &amp; June</b>	Chapter No. 2: Structure of Atom	<b>Students will be able to:</b> <b>Remember:</b> The atomic models and subatomic particles <b>Understand:</b> The Bohr's model and quantum numbers <b>Apply:</b> The knowledge to write electronic configurations using rules <b>Analyze:</b> The different atomic models and their limitations
		Chapter No. 3: Classification of Elements and Periodicity in Properties	<b>Students will be able to:</b> <b>Remember:</b> The modern periodic law and periodic table structure <b>Understand:</b> The periodic trends in properties <b>Apply:</b> The knowledge to predict element properties based on position <b>Analyze:</b> The trends and justify periodic behaviour
	<b>June</b>	<b>SUMMER BREAK</b>	
	<b>July</b>	Chapter No. 4 : Chemical Bonding and Molecular Structure	<b>Students will be able to:</b> <b>Remember:</b> The types of bonds and octet rule <b>Understand:</b> The VSEPR theory and hybridization <b>Apply:</b> Lewis structures and predict molecular shape <b>Analyze:</b> The bond types and explain molecular geometry
	<b>August</b>	<b>PERIODIC TEST-I</b>	
	<b>August</b>	Chapter No. 5 : Chemical Thermodynamics	<b>Students will be able to:</b> <b>Remember:</b> The key thermodynamic terms and define system, surroundings <b>Understand:</b> The laws of thermodynamics and enthalpy changes <b>Apply:</b> The acquired knowledge to solve problems on heat, work, and internal energy. <b>Analyze:</b> The various thermodynamic processes and differentiate between them
	<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Biology

Books prescribed- NCE`RT			
	Months	Content	Learning Outcomes
<b>Term -I</b>	<b>April</b>	Chapter No. 1: The Living World	<b>Students will be able to:</b> <b>Remember:</b> The process of identification, naming and classification of organisms <b>Understand:</b> The concept of taxonomy, systematics, classification, universal rules of Binomial nomenclature and taxonomical hierarchy <b>Apply:</b> The gained knowledge to classify organisms based on their characteristics <b>Analyze:</b> The importance of classification in understanding evolutionary relationships
		Chapter No. 2 : Biological Classification	<b>Students will be able to:</b> <b>Remember:</b> The differences between prokaryotic and eukaryotic cells <b>Understand:</b> The classification of each kingdom -Monera, Protista, Fungi, Animalia, Plantae and difference between Virus, viroids, prions and lichens <b>Apply:</b> The gained knowledge to classify organisms based on their characteristics <b>Analyze:</b> The characteristics of the kingdoms and evaluate the role of classification in conservation biology and research.

	<b>May &amp; June</b>	Chapter No.3: Plant kingdom	<b>Students will be able to:</b> <b>Remember:</b> The characteristics of different plant groups (algae, bryophytes, pteridophytes, gymnosperms, angiosperms) <b>Understand:</b> The classification of plant kingdom into algae, pteridophytes, bryophytes, gymnosperms and angiosperms on the basis of their characteristics and the process of asexual, sexual reproduction in the above groups <b>Apply:</b> The gained knowledge to identify the specimens, slides of plants and classify them based on their characteristics <b>Analyze:</b> The adaptations of plants to different environments and evaluate the role of plants in ecosystems
		Chapter No.4 : Animal kingdom	<b>Students will be able to:</b> <b>Remember:</b> The characteristics of different animals of different phylum and classes <b>Understand:</b> The classification of different groups of animals of Animal kingdom into their respective phyla and classes on the basis of their characteristics and peculiar features <b>Apply:</b> The gained knowledge to identify the animals and classify them based on their characteristics and understand their ecological and economic importance <b>Analyze:</b> The adaptations of animals to different environments and evaluate their role in ecosystems.
		Chapter No.5: Morphology of Flowering plants	<b>Students will be able to:</b> <b>Remember:</b> The terms related to morphology of flowering plants and the different parts of a flower and their functions. <b>Understand:</b> The different types of venation, inflorescences, phyllotaxy, aestivation, placentation in flowering plants and the floral formula of plants. <b>Apply:</b> The gained knowledge to identify and classify plants based on their morphological characteristics and write the semi-technical description of a flower. <b>Analyze:</b> The adaptations of plants to different environments based on their morphological features
	<b>June</b>	<b>SUMMER BREAK</b>	
	<b>July</b>	Chapter No.6: Anatomy of Flowering Plants	<b>Students will be able to:</b> <b>Remember:</b> The difference between dicot and monocots. <b>Understand:</b> The structure and function of vascular tissues (xylem and phloem) , detailed anatomical structure of T.S. Dicot and Monocot roots, stem and leaves. <b>Apply:</b> The gained knowledge in identifying and preparing temporary transverse sections of monocot, dicot roots and stems. <b>Analyze:</b> The difference between dicots and monocots based on their the anatomy.
		Chapter No.7 : Structural Organisation in Animals	<b>Students will be able to:</b> <b>Remember:</b> The terms related to morphology and anatomy of frogs. <b>Understand:</b> Explain the morphology and anatomy of frogs- Digestive system, respiratory system, circulatory system, excretory and reproductive system of frog. <b>Apply:</b> The knowledge of frog anatomy to understand animal physiology and ecology. <b>Analyze:</b> The adaptations of frogs to different environments based on their anatomical features and evaluate the importance of studying frog anatomy in understanding animal biology.



		Chapter No. 8: Cell: The Unit of Life	<b>Students will be able to:</b> <b>Remember:</b> The differences between prokaryotic- eukaryotic cells and plant cell- animal cells <b>Understand:</b> The structure and function of cell wall, cell membranes and organelles, structure and types of chromosomes on the basis of position of centromere. <b>Apply:</b> The knowledge of cell biology to understand cellular processes and functions.. <b>Analyze:</b> The relationships between cell structure and function and evaluate the importance of cell biology in understanding life processes and disease mechanisms.
		<b>PERIODIC TEST I</b>	
	<b>August</b>	Chapter No .9: Biomolecules	<b>Students will be able to:</b> <b>Remember:</b> The function of biomolecules (proteins, enzymes, lipids, carbohydrates). <b>Understand:</b> The structure and function of proteins, enzymes, and classification of enzymes, effects of temperature, pH, substrate on the role of enzymes ;Co-factors and its types. <b>Apply:</b> The gained knowledge to identify and describe the different types of biomolecules and their structures and use biomolecule structure and function to understand disease mechanisms. <b>Analyze:</b> The relationships between biomolecule structure and function and evaluate the importance of biomolecules in understanding life processes and disease mechanisms.
		Chapter No.10: Cell cycle and Cell divisions	<b>Students will be able to:</b> <b>Remember:</b> The cell cycle and the difference between mitosis and meiosis <b>Understand:</b> All the stages of mitosis and meiosis cell cycle and the significance of cell division in living organisms <b>Apply:</b> The gained knowledge to identify the different stages of the meiosis and to prepare slides of onion root tip showing different phases of mitosis <b>Analyze:</b> The difference between mitosis and meiosis and evaluate the role of cell division in development, growth, and disease.
	<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Mathematics (041)

Book Prescribed: NCERT			
	Months	Content	
<b>Term -I</b>	<b>April</b>	Chapter No. 1: Sets	<b>Students will be able to:</b> <b>Remember:</b> The definition and notation of sets and different types of sets such as subsets, super sets and disjoint sets <b>Understand:</b> The concept of sets and comprehend set operations as union, intesection and difference <b>Apply:</b> Set operations to solve problems involving sets and use Venn diagrams to represent sets and solve problems <b>Analyze:</b> Sets to determine relationships between them
	<b>May &amp; June</b>	Chapter No. 4: Complex Numbers and Quadratic equations	<b>Students will be able to:</b> <b>Remember:</b> The definition and properties of complex numbers, standard form of complex numbers and the concept of conjugates

			<p><b>Understand:</b> The concept of Complex numbers as an extension of real numbers, including their representation and operations</p> <p><b>Apply:</b> The knowledge of Complex numbers to solve quadratic equations with no real roots</p> <p><b>Analyze:</b> The nature of roots of a quadratic equation - real, complex, equal or distinct</p>
		Chapter No. 8: Sequence and Series	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> The formulas for the <math>n</math>th term and sum of arithmetic and geometric sequence/series</p> <p><b>Understand:</b></p> <p><b>Apply:</b> The formulas of arithmetic and geometric series to model real-world solutions</p> <p><b>Analyze:</b> The relationship between the terms in a sequence, AM and GM</p>
		Chapter No. 5: Linear Inequalities	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> The definition and properties of linear inequalities</p> <p><b>Understand:</b> The concept of linear inequalities and how these differ from linear equations</p> <p><b>Apply:</b> The gained knowledge to solve word problems</p> <p><b>Analyze:</b> The solution sets of linear inequalities and represent them graphically.</p>
	<b>June</b>	<b>SUMMER BREAK</b>	
	<b>July</b>	Chapter No. 3: Trigonometric Functions	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> Basic trigonometric identities and formulas</p> <p><b>Understand:</b> Domain and range of trigonometric functions and their graphs</p> <p><b>Apply:</b> Trigonometric identities and formulas to simplify and solve equations</p> <p><b>Analyze:</b> The relationships among trigonometric functions</p>
		Chapter No. 9: Straight Lines	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> The different forms of the equation of a straight line and the formulas for slope and distance</p> <p><b>Understand:</b> The concept of slope and its relation to the angle of inclination</p> <p><b>Apply:</b> The formulas and equations to find slope and distance between the lines</p> <p><b>Analyze:</b> The relationship between two lines- parallel, perpendicular and intersecting</p>
	<b>August</b>	<b>PERIODIC TEST-I</b>	
		Chapter No. 13: Statistics	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> The measures of central tendency - mean, median and mode and dispersion - variance and standard deviation</p> <p><b>Understand:</b> The relation between measures of central tendency and dispersion</p> <p><b>Apply:</b> Statistical measures to interpret data and solve problems</p> <p><b>Analyze:</b> The use of statistical measures and data representation in real-world contexts</p>
	<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	

# Computer Science

Book Prescribed: Computer Science with Python (Sumita Arora by Dhanpat Rai Publication)			
	Months	Content	Learning Outcomes
Term-1	April	Chapter No. 1: Computer System Organization	<b>Students will be able to:</b> <b>Remember:</b> Key components of a computer system and recall basic terminology related to computer architecture <b>Understand:</b> The function of each component in a computer system <b>Apply:</b> The acquired knowledge to demonstrate how different units (input, processing, output, storage) work together in real-life scenarios <b>Analyze:</b> The difference between primary and secondary memory in terms of speed and use
		Chapter No. 2: Data Representation	<b>Students will be able to:</b> <b>Remember:</b> Number systems such as binary, decimal, octal, and hexadecimal and their inter conversion <b>Understand:</b> The conversion process between number systems and interpret binary codes and ASCII values for characters <b>Apply:</b> The gained knowledge to convert numbers between binary, decimal, octal, and hexadecimal systems <b>Analyze:</b> Different number systems in terms of usage and efficiency
	May & June	Chapter No. 3 : Boolean Logic	<b>Students will be able to:</b> <b>Remember:</b> 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) <b>Understand:</b> The function of each Boolean operator and interpret truth tables and Boolean expressions <b>Apply:</b> Boolean logic in real-world scenarios such as conditional programming and logic gates <b>Analyze:</b> Digital circuits or logical conditions using Boolean expressions
		Chapter No. 9: flow of Control (up to control statements)	<b>Students will be able to:</b> <b>Remember:</b> Recall the three types of control structures in Python. <b>Understand:</b> Explain how conditional constructs change the flow of a Python program. <b>Apply:</b> Solve real-world problems using control flow statements (e.g., check for even/odd, number guessing game, grade calculator). <b>Analyze:</b> Trace the execution of Python programs with multiple control statements and predict the output
	June	<b>SUMMER VACATION</b>	
	July & August	Chapter No 4: Introduction to problem Solving	<b>Students will be able to:</b> <b>Remember:</b> steps of the problem-solving process (e.g., understanding the problem, planning the solution, executing the plan, reviewing the results). <b>Understand:</b> Explain the importance of problem-solving in computer science and daily life. <b>Apply:</b> flowchart or pseudocode to represent the steps of a simple problem. <b>Analyze:</b> Evaluate the effectiveness of a problem-solving approach based on time, accuracy, and complexity.
		Chapter No. 5: Getting Started with Python.	<b>Students will be able to:</b> <b>Remember:</b> Define Python and identify it as a high-level, interpreted programming language. <b>Understand:</b> Explain how Python differs from other programming languages (e.g., its simplicity, readability). <b>Apply:</b> Execute Python code and correct basic syntax errors.



			<b>Analyze:</b> Break a problem into smaller steps and write a Python program to solve it using appropriate syntax and logic.
		Chapter No. 6: Python Fundamentals	<b>Students will be able to:</b> <b>Remember:</b> Python concepts: variables, data types, operators, and expressions. <b>Understand:</b> Explain how Python handles different data types during operations. <b>Apply:</b> Accept input from users and process it using expressions and operators. <b>Analyze:</b> Debug Python code involving variables, data types and operators.
		<b>PERIODIC TEST-I</b>	
		Chapter No. 7: Data Handling	<b>Students will be able to:</b> <b>Remember:</b> Recall basic data structures used in Python (lists, tuples). <b>Understand:</b> Explain the need for organizing and handling data in programs. <b>Apply:</b> Perform data operations such as sorting, filtering, and aggregating <b>Analyze:</b> Debug and improve programs that involve incorrect data handling or inefficient data processing.
		Chapter No. 9: flow of Control (Iteration Statements)	<b>Students will be able to:</b> <b>Remember:</b> Recall the three types of control structures in Python. <b>Understand:</b> Explain how looping constructs change the flow of a Python program. <b>Apply:</b> Solve real-world problems using iteration flow statements <b>Analyze:</b> Trace the execution of Python programs with multiple loops statements and predict the output.
	September	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Physical Education

Book Prescribed: SP Book			
	Months	Content	Learning Outcomes
TERM-I	April	UNIT-1 Changing Trends and Career in Physical Education	<b>Students will be able to:</b> <b>Remember:</b> Define physical education and its importance and Identify different careers in physical education <b>Understand:</b> How physical education has evolved over the years and the qualifications and skills required for various careers <b>Apply:</b> The gained knowledge of fitness trends to create a basic fitness routine and demonstrate the use of technology in physical training and match personality traits and interests with potential careers in physical education <b>Analyze:</b> Traditional and modern approaches to physical education and how global trends are shaping career opportunities in choosing physical education as a profession
	May & June	UNIT-2 Olympic Value Education	<b>Students will be able to:</b> <b>Remember:</b> The history and origin of the Olympic Games and the important Olympic movements and personalities and symbols of the olympic <b>Understand:</b> The meaning and importance of each Olympic value and understand the role of sports in character and moral development <b>Apply:</b> Olympic values in school or sports activities and organize small games or events that reflect Olympic spirit and values

		<b>Analyze:</b> Real-life examples where sports helped overcome conflict or brought social change and evaluate how effectively Olympic values are practiced in modern sports
<b>June</b>	<b>SUMMER BREAK</b>	
<b>July</b>	UNIT-3 Yoga	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> Definition of yoga and its origin and list different types of yoga ; Recall basic yoga postures (Asanas), breathing techniques (Pranayama), and meditation practices</p> <p><b>Understand:</b> The purpose of yoga for physical, mental, and spiritual well-being and understand how yoga helps in stress management, concentration, and emotional balance</p> <p><b>Apply:</b> The gained knowledge to perform simple yoga asanas and breathing exercises with correct technique, design a short yoga session for relaxation or physical fitness and practice mindfulness and meditation regularly as a lifestyle habit</p> <p><b>Analyze:</b> The impact of yoga on health conditions like anxiety, obesity, or back pain and its reflection on personal changes through regular practice</p>
	UNIT-4 Physical Education and Sports for Children with Special Needs	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> The different types of disabilities and definition of Children with Special Needs (CWSN) ; Key concepts : Adapted physical education programs and inclusive sports activities</p> <p><b>Understand:</b> The importance of physical activity for children with special needs and how to modify activities and equipment to suit individual needs. Describe how inclusive physical education promotes confidence, teamwork, and health</p> <p><b>Apply:</b> 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. Demonstrate supportive behavior and empathy toward CWSN during sports or classroom sessions</p> <p><b>Analyze:</b> Traditional and inclusive physical education approaches , challenges faced by CWSN in accessing sports opportunities and evaluating the role of inclusive education in promoting equality and reducing stigma</p>
<b>August</b>	<b>PERIODIC TEST-I</b>	
	UNIT-5 Physical Fitness, Wellness and Lifestyle	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> Key terms -Define physical fitness, wellness, and a healthy lifestyle and the components of physical fitness, types of wellness , healthy habits and lifestyle factors</p> <p><b>Understand:</b> The relationship between physical activity, wellness, and quality of life and understand how wellness is a lifelong process that includes physical and mental balance</p> <p><b>Apply:</b> 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</p> <p><b>Analyze :</b> Different types of fitness routines and their long-term impacts and how lifestyle choices affect academic performance, mood, and physical health</p>
<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	

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

## Hindustani Music Vocal

Book Prescribed: Sangeet Anand + Sangeet Shelly Practical File (Unique Publications)			
	Months	Content	Learning Outcomes
<b>TERM-I</b>	<b>April</b>	Unit 1: Naad, Shruti, Swar, Saptak, Thaat, Jaati, Laya, Taal, Margi Sangeet Desi Sangeet,	<b>Students will be able to:</b> <b>Remember:</b> Key terms related to Hindustani Music (e.g., raga, tala, swara, laya) <b>Understand:</b> Basic terms of Indian Classical Music <b>Apply:</b> The gained understanding of Swaras and Talas to create different types of compositions in Indian classical Music <b>Analyze:</b> The structure and composition of Hindustani Music pieces
	<b>May &amp; June</b>	Unit 2: Brief history of Khayal Brief study of Dhrupad and Tarana .	<b>Students will be able to:</b> <b>Remember:</b> Key features and historical background of Dhrupad Khayal and Tarana <b>Understand:</b> The description of role of each form in Hindustani Music <b>Apply:</b> The knowledge of these forms in vocal performances <b>Analyze:</b> The significance of each form in Hindustani Music's development
	<b>June</b>	<b>SUMMER BREAK</b>	
	<b>July</b>	<b>PERIODIC TEST-I</b>	
		Unit 4: Description of prescribed Talas (Teentala, Ektala) with Tala Notation in Thah, Dugun, and Chaugun Knowledge of the structure of Tanpura	<b>Students will be able to:</b> <b>Remember:</b> The prescribed notation system of Ektaal, Teentaal along with their Layakaries ; The structure of Tanpura <b>Understand:</b> The concept of Thah, Dugun and Chaugun in Hindustani Music <b>Apply:</b> The acquired knowledge of Talas and rhythmic patterns in vocal performances <b>Analyze:</b> Different Talas and their applications and the importance of Tanpura in Hindustani Music
	<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Web application

Book Prescribed: CBSE Resources			
	Months	Content	Learning Outcomes
<b>TERM-I</b>	<b>April</b>	Chapter No. :1 (Part-A) Communication Skills-III	<b>Students will be able to:</b> <b>Remember:</b> The definition of communication, types of communication <b>Understand:</b> The importance of communication, barriers to communication <b>Apply:</b> The gained knowledge to apply communication skills and communication techniques in real-life situations <b>Analyze:</b> Different communication styles, analyzing effective and ineffective communication

	<b>May &amp; June</b>	Chapter No. : 2 (Part-B) Website Building Using HTML and CSS	<b>Students will be able to:</b> <b>Remember:</b> Basic tags and elements of HTML, basic properties and selectors of CSS <b>Understand:</b> The structure of a web page <b>Apply:</b> The acquired knowledge to create simple web pages using HTML, Style web pages (using CSS) to make them visually appealing <b>Analyze:</b> Different errors in HTML and CSS code and the way to fix them
	<b>June</b>	<b>SUMMER BREAK</b>	
	<b>July</b>	Chapter No. : 2 (Part- B) Website Building Using HTML and CSS	<b>Students will be able to:</b> <b>Remember:</b> The definition of HTML (Hyper Text Markup Language) and CSS (Cascading Style Sheets). <b>Understand:</b> The relationship between HTML content and its visual presentation through CSS <b>Apply:</b> The acquired knowledge to create a simple webpage using basic HTML tags <b>Analyze:</b> The break down a webpage layout to understand the role of different HTML and CSS components
		Chapter No. : 2 (Part-A): Self-Management Skills-III	<b>Students will be able to:</b> <b>Remember:</b> The concept of self-management and its importance in daily life <b>Understand:</b> How self-motivation and personal responsibility contribute to self-management <b>Apply:</b> How to use Self-discipline and stress management techniques in classroom activities <b>Analyze:</b> Interpret Personal habits and identify areas needing improvement for better self-management
	<b>August</b>	<b>PERIODIC TEST-I</b>	
		Chapter No. :1 (Part-B) : Basics of Networking	<b>Students will be able to:</b> <b>Remember:</b> Computer network and types of networks, network devices <b>Understand:</b> The purpose and benefits of networking <b>Apply:</b> The acquired knowledge to determine the best network type for a given scenario (e.g., school vs. city-wide office) <b>Analyze:</b> The advantages and disadvantages of various topologies.
		Chapter No. : 3 (Part-A) Entrepreneurial Skills-III	<b>Students will be able to:</b> <b>Remember:</b> The concept of entrepreneurship and entrepreneur. <b>Understand:</b> The importance of entrepreneurship in economic development <b>Apply:</b> The acquired knowledge to identify opportunities in daily life that could become small business ideas <b>Analyze:</b> Different entrepreneurs and analyze what made them successful
	<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	



## Yoga

Book Prescribed: CBSE			
	Months	Content	Learning Outcomes
TERM-I	April	Introduction to Yoga (Yoga)	<b>Students will be able to:</b> <b>Remember:</b> Define the term Yoga, its origin, history and development of Yoga in India. <b>Understand:</b> The meaning and purpose of Yoga and the importance of Yoga for physical, mental, and spiritual well-being. <b>Apply:</b> The gained knowledge to perform selected asanas to develop a personal yoga routine and breathing techniques correctly to reduce stress and improve lifestyle and habits <b>Analyze:</b> The impact of Yoga on stress and lifestyle diseases and compare Yoga with other forms of physical exercise.
	May & June	Yogic Practices (Yoga)	<b>Students will be able to:</b> <b>Remember:</b> Yogic practices including names and types and important texts like Patanjali Yoga Sutras, Bhagavad Gita <b>Understand:</b> The importance and role of Yoga in holistic health of regular yogic practices in daily life <b>Apply:</b> Demonstrating basic Yoga practices such as: simple asanas, pranayama techniques, meditation and relaxation techniques <b>Analyze:</b> The benefits of asanas and pranayama and how Yoga affects the body systems and the role of yogic diet and discipline in improving performance
	June	<b>SUMMER BREAK</b>	
		UNIT-1 Communication Skills-III (Employability skill)	<b>Students will be able to:</b> <b>Remember:</b> The types, the elements of the communication process, the 7 Cs of effective communication and barriers to communication <b>Understand:</b> The importance of effective communication in daily life and the workplace, non-verbal communication cues and the difference between formal and informal communication <b>Apply:</b> Effective communication in role-plays and presentations using proper tone, pitch, and body language <b>Analyze:</b> 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
		UNIT-2 Introduction to Yoga Texts (Yoga)	<b>Students will be able to:</b> <b>Remember:</b> The number of limbs in Ashtanga Yoga and Patanjali Yoga Sutras <b>Understand:</b> 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." <b>Apply:</b> How concepts from yoga texts can be applied in daily life and practice of basic yoga techniques. <b>Analyze:</b> Compare and contrast the teachings of Patanjali Yoga Sutras and the Bhagavad Gita and discuss the philosophical foundations of yoga as presented in classical texts.
	August	<b>PERIODIC TEST-I</b>	

		UNIT-2 Self Management II Skills (Employability Skill)	<b>Students will be able to:</b> <b>Remember:</b> The definition of self-management, its key skills such as self-discipline, motivation, organization and recall techniques for managing time, stress, and emotions effectively <b>Understand:</b> 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 <b>Apply:</b> The knowledge of SMART goals for personal or academic growth, time management tool and stress-reducing strategies to organize tasks <b>Analyze:</b> Effective vs. ineffective self-management strategies in different scenarios, obstacles to self-management and how self-management impacts academic performance and relationships
	September	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Library & Information Science

Book Prescribed: CBSE			
	Months	Content	Learning Outcomes
<b>TERM-I</b>	April	Chapter No. : Communication Skills-III (Employability Skills)	<b>Students will be able to:</b> <b>Remember:</b> The do's and don't of good communication <b>Understand:</b> The importance of good communication to enhance personality <b>Apply:</b> The skill of communication for impactful conversation <b>Analyze:</b> The need of good communication in one's life
	May & June	Chapter No. : Library Information and Society - Role and its implications	<b>Students will be able to:</b> <b>Remember:</b> The key terms like library, information, society, and knowledge economy <b>Understand:</b> The role of libraries in social, educational, and cultural development <b>Apply:</b> The gained knowledge to demonstrate how libraries support digital literacy and lifelong learning <b>Analyze:</b> How societal changes (technology, economy, education) impact libraries
		Chapter No. : Self - Management Skills - III	<b>Students will be able to:</b> <b>Remember:</b> The definition of self-management and identify its key components (e.g., goal-setting, time management, emotional regulation) <b>Understand:</b> The importance of self-management in personal and academic life through group discussion <b>Apply:</b> The gained knowledge to create a daily or weekly self-management plan that includes goals, schedules, and personal reflection points <b>Analyze:</b> A scenario or case study involving poor self-management and identify what went wrong and how it could be improved
	June	<b>SUMMER BREAK</b>	
	July	Chapter No. : Oranization of Library Resources : Basics	<b>Students will be able to:</b> <b>Remember:</b> Basic terminology and concepts related to the organization of library resources. Flashcards for terms like classification, cataloguing, Dewey Decimal System, accession register

			<b>Understand:</b> Why organizing library resources is important and how different systems work <b>Apply:</b> The knowledge to classify and cataloging techniques to simple examples <b>Analyze:</b> The different classification systems and identify their advantages/disadvantages
	<b>PERIODIC TEST-I</b>		
	August	Chapter No. : ICT Skills - III	<b>Students will be able to:</b> <b>Remember:</b> The basic terms, tools, and functions related to ICT tools and software <b>Understand:</b> The concept of different ICT tools which help in managing information effectively <b>Apply:</b> The gained knowledge to use ICT tools to create, organize, and share information <b>Analyze:</b> Different ICT tools based on purpose, usability, and efficiency.
	September	<b>REVISION &amp; TERM-I EXAMINATION</b>	

## Marketing

Book Prescribed: CBSE Notes			
	Months	Content	Learning Outcomes
		Chapter No. : Communication Skills-III (Employability Skills)	<b>Students will be able to:</b> <b>Remember:</b> The do's and don't of good communication <b>Understand:</b> The importance of good communication to enhance personality <b>Apply:</b> The skill of communication for impactful conversation <b>Analyze:</b> The need of good communication in one's life
TERM-I	April	Unit 1: Introduction to Marketing	<b>Students will be able to:</b> <b>Remember:</b> the definition of marketing, market, marketer. List differences between needs, wants, and demands. <b>Understand:</b> the importance and scope of marketing. <b>Apply:</b> Classify various market types based on examples. Identify marketing activities around them (school events, local ads). <b>Analyze:</b> Compare product-centric vs customer-centric marketing approaches.
	May & June	Unit 1: Introduction to Marketing	<b>Students will be able to:</b> <b>Remember:</b> the characteristics and importance of modern marketing. <b>Understand:</b> the evolution of marketing (production, product, selling, marketing concept). The differentiation between traditional and modern marketing approaches. <b>Apply:</b> the acquired knowledge to prepare a short case about customer satisfaction and feedback. <b>Analyze:</b> Evaluate marketing's role in economic development. analyze real-life examples of successful and failed marketing approaches.

	Chapter No. : Self - Management Skills - III	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> The definition of self-management and identify its key components (e.g., goal-setting, time management, emotional regulation)</p> <p><b>Understand:</b> The importance of self-management in personal and academic life through group discussion</p> <p><b>Apply:</b> The gained knowledge to create a daily or weekly self-management plan that includes goals, schedules, and personal reflection points</p> <p><b>Analyze:</b> A scenario or case study involving poor self-management and identify what went wrong and how it could be improved</p>
<b>June</b>	<b>SUMMER BREAK</b>	
<b>July</b>	Unit 2: Marketing Environment	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> the definition of marketing environment, micro and macro factors. List factors such as demographic, political, economic, technological, and social.</p> <p><b>Understand:</b> how marketing environment impacts decision-making. the importance of SWOT and PEST analysis. the difference between controllable and uncontrollable factors.</p> <p><b>Apply:</b> Identify environmental factors influencing a product launch. Conduct SWOT analysis for a local brand. Categorize examples into internal/external environment.</p> <p><b>Analyze:</b> Evaluate how competitors affect business strategy. Analyze how legal and political factors influence product pricing. Compare micro and macro environments using real brand examples.</p>
<b>August</b>	<b>PERIODIC TEST-I</b>	
<b>August</b>	Unit 3 : Market Segmentation, Targeting, and Positioning (STP)	<p><b>Students will be able to:</b></p> <p><b>Remember:</b> The definition of segmentation, targeting, and positioning and list the bases of segmentation (geographic, demographic, psychographic, behavioral), examples of mass vs niche marketing</p> <p><b>Understand:</b> The importance of positioning in brand perception, the need for market segmentation and the differentiation between undifferentiated, differentiated, and niche targeting strategies</p> <p><b>Apply:</b> The acquired knowledge to create STP for a product like a mobile phone or snack brand and develop a positioning statement for a new product</p> <p><b>Analyze:</b> The effectiveness of segmentation strategies and compare brand positioning of two competing brands ; Analyze gaps in market based on STP strategy</p>
<b>September</b>	<b>REVISION &amp; TERM-I EXAMINATION</b>	