



Doon Public School

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

Class- XII (Commerce) Syllabus for the Session 2026-27 English

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
Term - I	March - April & May	Chapter No. 1: The Last Lesson (prose), Flamingo	Students will be able to: Remember: The theme and message and traits of Franz and M.Hamel Understand: The importance of one's own language, emotional state of M. Hamel Apply: Linguistic chauvinism and love for one's language in real life situation Analyze: The importance of a teacher in the life of a student
		Notice (Writing)	Students will be able to: Remember: The format and structure of the Notice Understand: The question and use W's properly Apply: Notice in real life scenario for effective communication Analyze: The appropriate use of language while doing the question
		Chapter No. 2: Lost Spring (Prose, Flamingo)	Students will be able to: Remember: Traits of Sahib and Mukesh, theme and message of the chapter Understand: Harsh realities of slum children, importance of childhood and those traditions that condemn slum children to a life of exploitation Apply: The gained knowledge and understanding of character's situation into real life situation and be empathetic Analyze: The circumstances and situation of both the protagonists and that society and political class only add to the sufferings of the slum and poor children .
		Chapter No. 3 : Deep Water (Prose, Flamingo)	Students will be able to: Remember: Autobiographical element of the author, theme, message and the chronological events of the chapter in detail Understand: That childhood fears must never be treated lightly, if not tackled properly they make deep inroads in one's psychology Apply: The instances in real life and overcome any hesitation or fear and success can be achieved at point of time in the life (Douglas) Analyze: The situation of Douglas underwater and his attempts to come on the surface
		Chapter No. 1: The Third Level (Prose, Vistas)	Students will be able to: Remember: The setting of the chapter, the chronological events of the story Understand: Psychological impact of world wars on people and concept of escapism through Charlie Apply: The gained knowledge through Charlie and Sam's character in understanding people's mental situation Analyze: Charlie's personality and impact of grandfather, pre and post-world war situations, in shaping his personality.

		Chapter No. 2: The Tiger King (Prose, Vistas)	Students will be able to: Remember: Pre independence era of royal families, theme and message of the chapter Understand: The character traits of the King, his motto of life and impact of prophecy in king's life Apply: The gained knowledge in real life situation and how the king lived and died just to challenge priest's prophecy Analyze: The character sketch of the king and his minister
		Chapter No. My Mother at Sixty Six (Poem , Flamingo)	Students will be able to: Remember: Theme, message and central idea of the poem Understand: Poetic devices used in the poem and that aging and death is inevitable Apply: The gained knowledge in cherishing the moments spent with loved ones and importance of living in present Analyze: The emotions and fear of losing the mother, bonding between mother- daughter, nostalgic childhood memories
		Letter to the Editor (Writing)	Students will be able to: Remember: The format of the letter Understand: The need and usage of the letter writing Apply: The learned skill to write letters and bring the issues into the limelight through letter writing Analyze: the importance of writing letters
	June	SUMMER BREAK	
July		Chapter No. 4: The Rattrap (Flamingo, Prose)	Students will be able to: Remember: The chronological events of the fairy-tale story and traits of all the characters Understand: The metaphorical representation of rattrap Apply: The message and the moral of the story in real life ; convincing power Analyze: The fact that every human being has an essential goodness that can be awakened through understanding and love
		Chapter No. 5 Indigo (Flamingo, Prose)	Students will be able to: Remember: Political and social scenario (British, sharecroppers, chronological events) of that time Understand: Gandhian philosophy, nonviolence, justice for oppressed Apply: The philosophy that every movement can be made people's movement if there is unbreakable trust and faith. Analyze: Valuing the contribution of ordinary people in the freedom struggle
		Chapter No. 3: Journey to the End of the Earth	Students will be able to: Remember: The geological events during Gondwana land, flora and fauna of that time Understand: The importance of Antarctica region for the existence of human beings Apply: The information of the chapter in preserving and conserving polar regions to ultimately preserving Earth Analyze: The grave situation of climate impact and immediate steps to be taken by us
		Invitation Writing, Article writing	Students will be able to: Remember: The various formats of formal and informal invitation writing and report writing Understand: The importance of crisp clear invitations and report writing Apply: The art of framing impressive invitations and reports Analyze: The challenges faced by reporters or media people

		Chapter No. – Poem Keeping Quiet (Flamingo)	Students will be able to: Remember: Theme, message and central idea of the poem Understand: Poetic devices used, interpretation, importance of introspection Apply: Introspection, brotherhood, process of healing and nature being the supreme teacher in real life Analyze: The power of introspection and global brotherhood
		Chapter No. – Poem A Thing of Beauty (Flamingo)	Students will be able to: Remember: The theme and message of the poem Understand: The healing power of Nature and that it always give solace Apply: The contextual knowledge of the poem in the real life situation and living a worthy life Analyze: The importance of Nature and the bounties we have
	August	PERIODIC TEST I	
		Chapter No. 4: The Enemy (Vistas)	Students will be able to: Remember: The theme message and traits of the Dr. Sadao Understand: The difference between a responsible citizen, true patriot and an ethical professionalism Apply: The fact that Personal and professional ethics are different but sometimes you have to rise above all as a human being Analyze: That choices shape us as an individual
		Report Writing	Students will be able to: Remember: The various formats of formal and informal invitation writing and report writing Understand: The importance of crisp clear invitations and report writing Apply: The art of framing impressive invitations and reports Analyze: The challenges faced by reporters or media people
		Chapter No. 5: On the Face of It. (Vistas)	Students will be able to: Remember: The characteristics of Derry and Lamb Understand: The pain of physical handicapped is far less than the sense of alienation they feel and society can help Apply: The understanding in being mindful and give space, opportunities, love, care to disabled people to help in their inclusion Analyze: The pain, agony and challenges faced by disabled people
		Chapter No. 6: Poets and Pancakes (Flamingo)	Students will be able to: Remember: The theme message and traits of the Subbu. Understand: The structure of the chapter, and that the course of the events is not in a storyline. Apply: The glimpses of office politics prevailing at every work place and learn to avoid it do your work sincerely Analyze: The various personalities in the chapter and that it's a small world
		Chapter No. 7: The Interview (Flamingo)	Remember: The various definitions of Interviews given by different poets Understand: The conversation and interview pattern Apply: The art of framing good questions to get the desirable answer and make people comfortable with your communication skills Analyze: The challenges faced by reporters or media people
		A Roadside Stand (Poem, Flamingo)	Students will be able to: Remember: Idea, theme and message of the poem Understand: The social division- poor and rich people Apply: The empathetic behaviour with others but not to involve to the extent wherein you suffer at the end Analyze: The easy lives of city dwellers and hardships in the lives of rural people
	September	TERM I EXAMINATION	

Accountancy

Book Prescribed: T. S. Grewal			
	Months	Content	Learning Outcomes
Term - I	March - April & May	Chapter No. 1: Accounting for Partnership Firms- Fundamentals	Students will be able to: Remember: The concept of partnership, partnership firm & its characteristics, partnership deed & its contents. Understand: The provisions of the Indian Partnership Act, 1932 and the concepts of fixed and fluctuating capital accounts. Apply: Journal entries for partnership transactions and Calculate interest on partner's capital and drawings. Analyze: The impact of partnership deed provisions on financial statements
		Chapter No. 2: Goodwill-Nature and Valuation	Students will be able to: Remember: The term goodwill and recognize it as an intangible asset Understand: The nature and characteristics of goodwill and describe the reasons why goodwill arises in a business Apply: Various methods to calculate goodwill: Average Profit Method, Super Profit Method and Capitalization Method. Analyze: Different methods of goodwill valuation and evaluate their appropriateness and analyze the financial effect of goodwill adjustment on partner's capital accounts and on firm's profit distribution
		Chapter No. 3: Change in Profit Sharing Ratio and Introduction to Admission of a Partner	Students will be able to: Remember: The terms like sacrificing ratio, gaining ratio, goodwill, revaluation, and capital adjustment Understand: The need and method for change in ratio and the accounting treatment for revaluation of assets and liabilities and the accounting implications along with the adjustment for goodwill and revaluation Apply: Revaluation Account and Partners' Capital Account and Compute the effect of change in ratio and calculate the new ratio, sacrificing ratio, goodwill and capital adjustments. Analyze: The financial implications of change in profit-sharing ratio.
	June	SUMMER BREAK	
	July	Chapter No. 4: Admission of a Partner	Students will be able to: Remember: The definition of admission of a partner and related concepts such as goodwill, sacrificing ratio, and revaluation Understand: The accounting treatment of goodwill, revaluation of assets and liabilities, reserves, and capital adjustment on admission Apply: The new profit-sharing ratio and sacrificing ratio and prepare journal entries, Revaluation Account, Partners' Capital Accounts, and Balance Sheet Analyze: The effect of admission on partners' capital and the firm's financial position
		Chapter No. 5 & 6: Retirement of a Partner & Death of a Partner	Students will be able to: Remember: The retirement, death, and related terms and Identify entries required for retiring partner's dues Understand: The treatment of goodwill, revaluation, and settlement along with the concept of gaining ratio, the process of settlement of a deceased partner's share Apply: Gaining ratio, retiring partner's share, and deceased partner's dues and prepare journal entries and accounts along

			with the accounting treatment for accumulated reserves Analyze: Retirement vs. death. Assess the impact of retirement/death on financial statements
		Chapter No. 7: Dissolution of Partnership Firm	Students will be able to: Remember: The concept of dissolution of firm and distinguish it from reconstitution and recall the order of settlement of liabilities Understand: The settlement process of assets and liabilities and the accounting procedure of Realisation Account Apply: Realisation Account, Partner's Capital and Bank Account and record journal entries for dissolution expenses Analyze: Dissolution with revaluation and retirement
		PERIODIC TEST I	
	August	Book 2 Chapter No. 1: Company Accounts - Share Capital	Students will be able to: Remember: The meaning of share and share capital, types of shares, and related terms and recall the meaning of over-subscription and under-subscription Understand: The process of issue, forfeiture, and reissue of shares Apply: Record journal entries for issue, forfeiture, and reissue and calculate amounts payable and called-up capital Analyze: The impact of forfeiture and reissue on financial position and evaluate company's capital structure through its share capital
		Chapter No. 2: Issue of Debentures	Students will be able to: Remember: The definition of debentures and terms like premium, discount, interest and identify types of debentures Understand: Types and accounting treatment for issue and redemption of debentures and understand terms like loss on issue, redemption at premium and Interpret treatment of interest on debentures Apply: Journal entries for issue, interest, and redemption and calculate interest on debentures under different cases Analyze: The long-term implications of financing through debentures and analyze cost-effectiveness of raising funds via debentures
	September	TERM I EXAMINATION	

Business Studies

Book Prescribed: Poonam Gandhi			
	Months	Content	Learning Outcomes
TERM-I		Chapter No.1 : Nature and Significance of Management	Students will be able to: Remember: The definition of management, its features, and objectives ; levels and functions of management Understand: The differentiation between effectiveness and efficiency and the importance of management in goal achievement Apply: Management practices in real organizations (e.g., hospitals, schools) and create a basic organizational hierarchy showing levels of management Analyze: The role of a manager (how he coordinate the activities of all departments)

	March - April & May	Chapter No.2 : Principles of Management	Students will be able to: Remember: Fayol's 14 principles and Taylor's techniques; differences between unity of direction and unity of command Understand: The practical utility of management principles; the relationship between principles and organizational efficiency and how Taylor's techniques reduce wastage Apply: Real-life situations to respective principles (case-based questions) Analyze: The approaches of Fayol and Taylor using tabular form and the adaptability of classical principles in start-ups
		Chapter No. 3: Business Environment	Students will be able to: Remember: The dimensions of the business environment and the features of the dynamic and complex nature of environment Understand: The importance of scanning the environment and how technological, economic, legal, social or political factors affect business Apply: The gained knowledge to relate and recent environmental changes affecting Indian companies and relate GST implementation to legal environment changes Analyze: The impact of pandemic or recession on business strategy and analyze business failures due to lack of environmental understanding.
		Chapter No. 4: Planning	Students will be able to: Remember: The concept of planning and its objectives, steps in the planning process and the types of plans Understand: The importance and limitations of planning, the relationship between planning and other functions, the types of plans using practical examples Apply: The gained knowledge to prepare a simple business plan for a classroom enterprise Analyze: Evaluate a real business plan and suggest improvements and analyze causes of planning failure in a given case
	June	SUMMER BREAK	
	July	Chapter No. 5 : Organising (Introduction, steps, importance, types)	Students will be able to: Remember: The concept of organizing and its importance and the steps in the process of organizing. Understand: Differentiation between functional and divisional structure Apply: The gained knowledge to use draw and label a functional organization chart Analyze: How structure affects coordination and efficiency
		Chapter No. 6: Staffing	Students will be able to: Remember: The steps in the staffing process, the definition of Recruitment, selection, training, and development Understand: Differentiation between on-the-job and off-the-job Training, the role of staffing in human capital formation Apply: The gained knowledge to create a resume or job advertisement Analyze: Internal vs. external sources of recruitment and a case where poor staffing led to employee turnover.
	August	PERIODIC TEST I	

		Chapter No. 8: Controlling	Students will be able to: Remember: The meaning, importance, and steps of controlling Understand: How controlling helps in achieving organizational goals and the relationship between planning and controlling Apply: The gained knowledge to set performance standards and track results for a classroom activity Analyze: Reasons for deviations in actual vs. planned performance
		Chapter No. 12: Consumer Protection	Students will be able to: Remember: The List of consumer rights and responsibilities and the features of Consumer Protection Act 2019 Understand: The role of NGOs in consumer protection and the responsibilities of consumers in the market Apply: The gained knowledge to draft a formal consumer complaint letter Analyze: A real case of consumer exploitation. Evaluate the effectiveness of redressal mechanisms in India
		Chapter No. 7: Directing	Students will be able to: Remember: The elements of directing: supervision, motivation, leadership, communication Understand: The need and role of motivation in the workplace and the importance of communication and leadership Apply: Motivation techniques used in real workplaces and create posters illustrating effective communication Analyze: Outcomes of democratic vs. autocratic leadership in teams and analyze communication breakdown in case studies
	September		TERM I EXAMINATION

Economics

Book Prescribed: Sandeep Garg			
	Months	Content	Learning Outcomes
TERM-I	March - April & May	Chapter No. 3 & 4 National income and related aggregates (Macro Economics)	Students will be able to: Remember: The key terms like GDP, NDP, GNP, NNP, factor cost, market price, etc. Understand: The concepts of GDP, GNP, and national income Apply: The acquired knowledge to calculate national income using Value Added (Product) Method, Income Method and Expenditure Method Analyze: The National Income of India
		Chapter No. 1 Indian Economy on the eve of independence (Indian Economy)	Students will be able to: Remember: Key terms like stagnation, colonial rule, deindustrialization, demographic profile, occupational structure Understand: The impact of British policies on agriculture, industry, and trade Apply: The acquired knowledge to compare pre and post-independence economic conditions Analyze: How colonial exploitation led to backwardness in key sectors of the Indian economy

		Chapter No. 1 & 2 Basic concepts of Macroeconomics (Macro Economics)	Students will be able to: Remember: Basic terms like microeconomics, macroeconomics, stock vs flow, economic agents, planned vs actual values Understand: Concepts of macroeconomics, circular flow of income, economic variables, and sectors of the economy Apply: The concepts to identify stock and flow variables, distinguish between ex-ante and ex-post, and interpret circular flow diagrams Analyze: The relationships between different sectors (households, firms, government, foreign sector) and their impact on the economy
		Chapter No. 2 & 3 Indian economy (1950-1990), LPG an appraisal (Indian Economy)	Students will be able to: Remember: Key terms like planning, public sector, mixed economy, import substitution, liberalisation, privatisation, globalisation Understand: The goals of Five-Year Plans, role of the public sector, and need for economic reforms in 1991 Apply: The acquired knowledge to understand and compare pre-and post-reform economic policies and their outcomes Analyze: The strengths and limitations of economic policies from 1950–1990 and the impact of LPG reforms on growth, inequality, and global integration
	June	SUMMER BREAK	
	July	Chapter No. 7 to 9 Aggregate demand and supply, Income determination and multiplier, Excess demand and deficient demand (Macro Economics)	Students will be able to: Remember: Key terms like Aggregate Demand (AD), Aggregate Supply (AS), Consumption Function, Investment, Equilibrium Level of Income, Multiplier, Excess Demand, Deficient Demand Understand: The relationship between AD and AS, the working of the multiplier, and causes/effects of excess and deficient demand Apply: Formulas to calculate equilibrium income, multiplier effect, and impact of government policies on income and output Analyze: The role of AD-AS interaction in income determination and how fiscal and monetary policies correct demand imbalances
		Chapter No. 5 & 6 Money and Banking (Macro Economics)	Students will be able to: Remember: The key terms like money, CRR, SLR, repo rate, reverse repo, high-powered money, money supply (M1, M3), etc. Understand: The functions of money, credit creation, and role of the Central Bank Apply: The process of Credit creation and monetary policy tools (CRR, repo, etc.) Analyze: The impact of monetary policy on inflation and liquidity
	August	PERIODIC TEST I	
	September	CH-4 Human capital formation (Indian Economy)	Students will be able to: Remember: Key terms like human capital, investment in education and health, skill development, physical vs human capital Understand: The role of education and health in developing human capital and enhancing productivity Apply: Concepts to assess the importance of government spending on education, healthcare, and skill development Analyze: How human capital impacts economic growth, reduces inequality, and improves quality of life in India
		TERM I EXAMINATION	

Political Science

Book Prescribed: Part -A Contemporary World Politics, PART- B Politics In India Since Independence

	Months	Content	Learning Outcomes
TERM-I	March - April & May	Chapter No. :1 End of Bipolarity (Contemporary World Politics)	Students will be able to: Remember: The background and outcome of disintegration of the Soviet Union Understand: The consequences of a unipolar world Apply: The features of Shock Therapy Analyse: The developments between India & Russia
		Chapter No. 2: (Part-A) Contemporary Centres of Power	Students will be able to: Remember: Key countries and groups like China, EU, ASEAN and BRICS Understand: How these centers influence global political and economic system Apply: The role of emerging powers to current global developments Analyse: The impact of new power centers on world order and India's relations
		Chapter No. 3: (Part-A) Contemporary South Asia	Students will be able to: Remember: Major countries, conflicts, and events in South Asia Understand: Political systems and issues like democracy, conflict, and cooperation in the region Apply: The gained knowledge to relate regional developments to current affairs in South Asia Analyse: The relationships and conflicts among South Asian countries and their impact
		Chapter No. 1: (Part-B) Challenges of Nation - Building	Students will be able to: Remember: Key challenges after independence included partition, integration of princely states, and creating a stable government Understand: Nation-building requires unity, democracy, and development despite diversity and conflict Apply: These ideas help explain how countries today manage diversity and political stability. Analyse: The success of nation-building depended on leadership, policies, and handling social divisions effectively
		Chapter No. 2: (Part- B) Era of one Party Dominance	Students will be able to: Remember: The Indian National Congress dominated Indian politics from 1952 to 1967 Understand: One-party dominance existed because of Congress's strong leadership, freedom struggle legacy, and weak opposition Apply: How dominant parties can shape political systems in new democracies Analyse: While dominance ensured stability, it also limited strong opposition and competitive democracy
	June	SUMMER BREAK	

	July	Chapter No. 3: (Part -B) Politics of Planned Development	Students will be able to: Remember: The meaning and key features of planned development Understand: How political factors influence development planning Apply: Planned development concepts to real-world examples like India's planning system Analyze: How different political interests shape development outcomes
		Chapter No. 4: (Part -A) International Organisations	Students will be able to: Remember: Key international organizations involved in development Understand : The roles of the World Bank, International Monetary Fund, and United Nations Apply: The functions of these organisations to real-world development issues Analyze: The impact of international organisations on global development policies
		Chapter No.5: (Part-A) Security in the contemporary world	Students will be able to: Remember: Security and identify its types (traditional and non-traditional) Understand: How security threats have evolved in the contemporary world Apply: The gained knowledge to relate security concepts to real-life situations like cyber safety or disaster management Analyze: Different security challenges and evaluate their impact on societies and nations
		Chapter No.4: (Part-B) India's External Relations	Students will be able to: Remember: Key features and partners in India's external relations Understand: The principles guiding India's foreign policy Apply: India's external relations to current global events and diplomacy Analyze: The impact of India's relations with other countries on global and regional politics
	August	PERIODIC TEST I	
		Chapter No. 5: (Part-B) Challenges to and Restoration of the Congress System	Students will be able to: Remember: The Indian National Congress dominated Indian politics after independence as an umbrella party Understand: The Congress System declined due to social changes, internal conflicts, and rising opposition forces Apply: The gained knowledge to explain the shift from one-party dominance to coalition and leader-centered politics in India. Analyze: The restoration under Indira Gandhi was centralized and leader-driven rather than the earlier consensus-based system

		Chapter No. 6: The Crisis of Democratic Order	Students will be able to: Remember: The Crisis of Democratic Order refers to political instability in India during the 1970s, especially around the The Emergency (India 1975–77) Understand: Economic problems, political unrest, and challenges to the leadership of Indira Gandhi Apply: How democratic institutions can weaken under pressure and concentration of power Analyze: The crisis showed a shift toward authoritarianism, highlighting the importance of safeguarding democratic rights and institutions.
	September	TERM I EXAMINATION	

Painting

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
TERM-I	March - April & May	The Rajasthani School of Miniature Paintings	Students will be able to: Remember: The key features of the Rajasthani School and its sub-schools (e.g., Mewar, Bikaner, Bundi, Kishangarh, etc.). Understand: The cultural, political, and religious influences that shaped the Rajasthani miniature style and the use of colour, form, and iconography in typical Rajasthani miniatures Apply: The acquired knowledge of Rajasthani miniature paintings with other regional styles in terms of technique and thematic content Analyze: The contribution of the Rajasthani School to Indian art history and the aesthetic and historical significance of specific artworks from this tradition
		The Pahari School Of Miniature Paintings	Students will be able to: Remember: The key characteristics of the Pahari School and its subdivisions (e.g., Basholi, Kangra, Guler, etc.) and list the prominent themes, styles, and artists associated with this school Understand: How the Pahari School was influenced by local culture, natural surroundings, and literary sources and explain stylistic elements such as facial features, landscape depiction, and color usage Apply: The gained knowledge to select paintings from the Pahari School to understand their themes and techniques Analyze: The difference between different Pahari sub-schools through critical visual examination and assess the school's artistic contribution in the context of Indian miniature painting Traditions
	June	SUMMER BREAK	
	July	The Mughal School of miniature painting	Students will be able to: Remember: The historical background and emergence of the Mughal School under the patronage of Mughal emperors and identify prominent artists, themes, and notable artworks associated with the Mughal School. Understand: The stylistic features of Mughal miniatures such as naturalism, perspective, detailed human figures, and decorative borders. Apply: The knowledge to compare and contrast Mughal miniatures with other contemporary schools of painting. Analyze: The contributions of major Mughal emperors such as Akbar, Jahangir, and Shah Jahan in the patronage of art.

	August	
		The Deccan School of miniature painting Students will be able to: Remember: The regional centers of Deccan painting such as Ahmednagar, Bijapur, and Golconda. Understand: The features of Deccan paintings including rich color palettes, fantastic landscapes, and ornate costumes. Apply: The Deccan miniatures with those of the Mughal and Rajput schools. Analyze: The influence of Persian, Turkish, and local traditions in Deccan artwork; significance of patronage under regional sultanates in shaping the aesthetics of the Deccan School.
	September	TERM I EXAMINATION

Computer Science

Book Prescribed: Computer Science with Python (Sumita Arora - Dhanpat Rai Pub.)			
	Months	Content	Learning Outcomes
Term - I	March - April & May	Chapter No. 8 : Computer network- I	Students will be able to: Remember: Fundamentals requirements and application of Networking Understand: How data is transferred in a network Apply: The skill to demonstrate how to connect computers in a simple network Analyze: The advantages and disadvantages of different network topologies
		Chapter No. 9: Computer network- II	Students will be able to: Remember: The steps of networking devices such as router, switch, hub, modem, etc Understand: How a basic network setup works Apply: Appropriate protocols for specific network tasks (e.g., using FTP to transfer files). Set up a basic wireless network using a router and wireless devices. Analyze: The suitability of various network protocols .
		Chapter No. 1 : Python Revision Tour -I	Students will be able to: Remember: Token, Flow of control and looping statements Understand: Describe the difference between entry-controlled & count-controlled loops, use of break and continue within loops and execution flow of conditional statements. Apply: Solve simple real-life problems using loops. Analyze: Debug and correct logic errors in programs involving loops or conditions. Trace the flow of execution in nested conditional or looping structures.
		Chapter No. 2: Python Revision Tour -II	Students will be able to: Remember: List, Tuple, strings, tuples, and dictionaries in Python and built-in functions. Understand: Explain how dictionaries store data in key-value pairs. Python code that uses loops to access elements in lists, tuples, or dictionaries. Apply: Python programs to perform basic operations (add, delete, modify) on lists, tuples, and dictionaries. Analyze: A given piece of code and predict the output or detect logical errors.
	June	SUMMER BREAK	

	July	Chapter No. 10: Relational Databases	Students will be able to: Remember: The key terms such as database, table, record, field, primary key, and foreign key. List common relational database management systems (RDBMS), e.g., MySQL, SQLite, PostgreSQL. Recall SQL commands like SELECT, INSERT, UPDATE, DELETE Understand: The structure of a relational database and how data is stored in tables Apply: The gained knowledge to create and modify simple relational database tables using SQL. Write and execute SQL queries to insert, retrieve, and manipulate data Analyze: The relationship type (one-to-one, one-to-many, many-to-many) between tables
		Chapter No. 11: Simple Queries in SQL	Students will be able to: Remember: The basic SQL commands (e.g., SELECT, FROM, WHERE, ORDER BY, DISTINCT) Understand: How the SELECT statement retrieves data from a database Apply: The knowledge to write steps for basic SQL queries to retrieve specific data from a table. Analyze: The conditions in WHERE clause to filter results appropriately
		Chapter No. 12: Table Creation and data manipulation Commands	Students will be able to: Remember: SQL and its purpose. List common Data Definition Language (DDL) and Data Manipulation Language (DML) commands. Interpret the syntax of commands like CREATE TABLE, INSERT, UPDATE, DELETE, and SELECT." Understand: The difference between DDL and DML. Apply: The knowledge to retrieve data using the SELECT command with different clauses (e.g., WHERE, ORDER BY). Analyze: The impact of constraints like PRIMARY KEY, NOT NULL, and UNIQUE on data integrity
	August	PERIODIC TEST I	
		Chapter No. 13: Grouping Records , Joins in SQL	Students will be able to: Remember: The purpose of GROUP BY, HAVING, and different types of SQL joins (INNER, LEFT, RIGHT, FULL) Understand: The difference between WHERE and HAVING clauses ; distinguish among the various types of joins and when to use each, interpret the results of grouped queries and joined tables. Apply: The knowledge to solve real-life problems involving data summarization and table relationships. Analyze: The meaning of query performance and optimize SQL statements for better results.
		Chapter No. 3: Working with Function	Students will be able to: Remember: The key terms related to functions such as function, parameter, argument, return value, etc. List different types of functions (e.g., built-in vs. user-defined). Recall the syntax for defining and calling a function in a programming language (e.g., Python, Java). Understand: How parameters and arguments work in function calls Apply: The simple functions to perform specific tasks (e.g., add two numbers, check even/odd, calculate area) Analyze: The errors or issues in function definitions or function calls. Break a complex problem into smaller sub-problems using functions.
	September	TERM I EXAMINATION	

Physical Education

Book Prescribed: S.P Book			
	Months	Content	Learning Outcomes
Term -I	March - April & May	UNIT-1 Management of sporting events	Students will be able to: Remember: Key terms related to event management; Recall different types of sporting events and the stages of event planning Understand: The principles of event management within the context of sports and connection between sport, culture, and community development through events Apply: The gained knowledge to use management principles to design an organizational chart for a sports event ; apply risk management techniques to real-life sports scenarios Analyze: The effectiveness of past sporting events in terms of logistics, audience engagement, and media coverage and identify challenges in managing sporting events and propose solutions
		UNIT-2 Children and Women in Sports	Students will be able to: Remember: Policies and programs that support children and women in sports and define key terms related to gender equity and youth participation in sports Understand: The physical, psychological, and social benefits of sports for children and women and the developmental considerations in training children in sports Apply: Gained knowledge to design a basic training schedule tailored for children or female athletes and apply principles of inclusivity and safety in planning physical activities Analyze: The impact of social, cultural, and economic factors on women's involvement in sports and evaluate the effectiveness of government policies or school programs promoting sports among children and women
		UNIT-10 Training in sports	Students will be able to: Remember: The concept of term training in the context of sports, different types of training and basic training principles Understand: The objectives and importance of training in enhancing sports performance and the role of warm-up, cool-down, and recovery in training sessions Apply: The gained knowledge to design a basic weekly training plan for an athlete in a specific sport and demonstrate proper techniques for basic strength or endurance exercises Analyze: The common training errors or injuries , the training needs of athletes from different sports and the effectiveness of a given training plan using performance outcomes.
	June	SUMMER BREAK	

	July	UNIT-4 Physical education and sports for CWSN (Children with special needs -divyang)	Students will be able to: Remember: The meaning of CWSN, types of disabilities, paralympics and Special Olympics Understand: The importance of inclusion, physical activity benefits, the roles of schools, teachers, and families Apply: Inclusive activities , modify games for accessibility, and promote team spirit and acceptance for CWSN Analyze: The barriers for CWSN, sports' role in inclusion, and reflect on successful CWSN athletes and programs
		UNIT-5 Sports and Nutrition	Students will be able to: Remember: The meaning of nutrition, nutrients its sources, importance of hydration, dietary supplements Understand: The importance of nutrition and its impact in recovery, endurance Apply: Tailored nutritional and hydration plans for athletes Analyze: The sports nutrition strategies, poor nutrition's impact
	August	PERIODIC TEST I	
		UNIT-6 Test and measurement in sports	Students will be able to: Remember: The meaning of test, measurement, and evaluation in sports Understand: The purpose of fitness and skill tests, how to calculate results, and interpret scores against standards Apply: The use of test outcomes to design training programs with techniques suited to the sports Analyze: Different tests to evaluate overall fitness and its relation to sports performance
		UNIT-7 Physiology and injuries in sports	Students will be able to: Remember: The meaning of physiology, sports injuries, types of injuries Understand: The physiological responses to exercise and body's recovery process and the importance of preventive measures Apply: First aid techniques to the injuries, manage fatigue and recovery, and recommend safe practices and equipment Analyze: The difference between acute versus chronic injuries causes of injury, access injury-prone areas
	September	TERM I EXAMINATION	

Hindustani Music Vocal

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
TERM-I		Unit 1 Brief study of the following: - Alankar	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 Alankars to create different types of Alankars according to taals Analyze: The structure and composition of Hindustani Music pieces

March - April & May	Unit 1.1& 1.2 Brief study of the following:- Kan, Meend,Khatka, Murki,Gamak,Gram, Murchhana,Alap, Tana.	Students will be able to: Remember: Key terms related to Hindustani Music (e.g., raga, tala, swara, laya) Memorize the sequence and use of different swaras in Gram and Murchhana Understand: The difference between soft and forceful ornamentation techniques Apply: The acquired knowledge about these terms to make singing more attractive and effective Analyze: The examples of singing and identify which technique is being used
	Unit 5 Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them. Unit 5.1 Writing in Notation the Compositions of Prescribed Raga Bhairav.	Students will be able to: Remember: The Aaroha, Avaroha, Vadi–Samvadi, Jati, and time of performance of Ragas Bhairav, Bageshri, and Malkauns Understand: How swara phrases bring out the identity of a raga Apply: The gained knowledge to recognize ragas when given short phrases of swaras and write the compositions of Bhairav in proper notation Analyze: How the use of specific swaras (komal/tivra) creates distinct identities of Bhairav.
	Unit 2 Historical development of Time Theory of Ragas	Students will be able to: Remember: Key milestones in the historical development of Hindustani music's time theory of ragas Understand: The significance of time theory in Hindustani Music Apply: The acquired knowledge of time theory in performances Analyze: The impact of the theory on raga performance practices
	June	SUMMER BREAK
July	Unit 4 Description of Prescribed Talas along with TalaNotation with Thah, Dugun, Tigun and Chaugun Jhaptala, Rupak, Dhamar	Students will be able to: Remember: The number of Beats (matras),Vibhags (divisions),and the Theka (basic bols) of Jhaptaal , Rupak Taal,and Dhamar Taal. Identify the Claps (taali) and Waves (khali) of each taal. Understand: The structure and characteristics of each taal.The traditional usage of each taal in compositions (e.g.,Khayal, Dhrupad,Taranas). Apply: The thekas of all the three taals with properhand gestures (taali and khali). Analyze: A musical piece to identify which taal is being used and how it enhances the composition.
	Chapter No. Unit-3.2 Life sketch and Contribution of Faiyaz Khan , Bade Ghulam Ali Khan , Pandit Krishna Rao Shankar , Ajay Chakraborti	Students will be able to: Remember: Important facts ,authors, time periods,and structural elements of Sangeet Ratnakar and Sangeet Parijat.The major milestones in the lives of Faiyaz Khan , Bade Ghulam Ali Khan, and Krishan Rao Shankar Pandit,Ajay Chakraborti. Understand: The significance of Sangeet Ratnakar and Sangeet Parijat in the development of Indian classical music theory. The musical style and contributions of the three musicians in the context of their gharanas and eras. Apply: Theoretical concepts from the granths and musician's style can be connected to the principal discussed in classical texts. Analyze: The approaches of Sangeet Ratnakar and Sangeet Parijat

			The influences and legacy of three musician's on hindustani classical music ,including their impact on future generations.
	August	PERIODIC TEST I	
		Chapter No.- Unit 5& 5.1 Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them. Writing in Notation the Compositions of Prescribed Raga Bageshri.	Students will be able to: Remember: The Aaroha, Avaroha, Vadi–Samvadi, Jati, and time of performance of Raga Bageshri. Understand: How swara phrases bring out the identity of a raga Apply: The gained knowledge to recognize ragas when given short phrases of swaras and write the compositions of Bageshri in proper notation Analyze: How the use of specific swaras (komal/tivra) creates distinct identities of Bageshri.
	September	TERM I EXAMINATION	

Library & Information Science

Book Prescribed: CBSE			
	Months	Content	Learning Outcomes
TERM-I	March - April & May	Chapter No. 1 : Communication Skills IV (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 Management	Students will be able to: Remember: The fundamental facts and concepts related to library operations Understand: The concept of library management and stock verification Apply: The gained knowledge in practical or simulated tasks Analyze: The challenges faced in the management of library such as system break down, stock discrepancy and the ways to resolve those
	June	SUMMER BREAK	
	July	Chapter No. 2: Organization of Library Resources: Advanced	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.
		Chapter No. 2: Self- Management Skills-IV (Employability Skills)	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 behavior patterns or problems to understand causes and effects
	August	PERIODIC TEST I	

		Chapter No. 3: ICT Skills-IV (Employability Skills)	Students will be able to: Remember: basic ICT tools and terms (e.g., hardware, software, internet, email). Understand: the function of different ICT tools like MS Word, Excel, and presentation software. Apply: basic formatting tools in word processing software. Analyze: the effectiveness of different ICT tools for specific educational purposes.
		Chapter No. : 3 Name of the Chapter : Library and Information Services	Students will be able to: Remember: Key definitions "reference services," "current awareness service (CAS)," and "selective dissemination of information (SDI)." Understand: The concepts and interpret the purpose of services. Apply: The knowledge in practical scenarios involving information services Analyze: Break down systems/service and evaluate effectiveness.
	September	TERM I EXAMINATION	

Marketing

Book Prescribed: CBSE Notes			
	Months	Content	Learning Outcomes
TERM-I	March - April & May	Unit : 1 Communication Skills IV (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
		Unit –I Product (Subject specific skill)	Students will be able to: Remember: Key terms like Product, Product Life Cycle (PLC), Introduction, Growth, Maturity, Decline, Packaging, Branding Understand: The stages of PLC and their characteristics; importance and functions of packaging Apply: The gained knowledge to identify real-life products in different PLC stages; design packaging for FMCG products Analyze: Products based on their PLC stage and marketing strategies used
	June	SUMMER BREAK	
		Unit-II Price Decision (Subject specific skill)	Students will be able to: Remember: Meaning of price, pricing methods and pricing objectives Understand: Factors affecting pricing decisions and the importance of pricing strategies Apply: Pricing concepts to real-life business situations and products Analyze: Different pricing strategies used by companies in competitive markets
		Unit-III Place Decision: Channels of Distribution (Subject specific skill)	Students will be able to: Remember: Meaning and types of distribution channels; role of intermediaries Understand: The importance of distribution in making products available to consumers

	July		Apply: Distribution concepts in identifying channels used by different companies Analyze: The effectiveness of various distribution strategies and supply chain systems
		Unit-II Self-Management Skills-IV (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
	August	PERIODIC TEST I	
		Unit-III ICT Skills (Employability Skill)	Students will be able to: Remember: Basic computer operations, internet usage and digital tools Understand: The role of ICT in communication, education and business Apply: ICT skills for presentations, data handling and online collaboration Analyze: The advantages and limitations of digital technologies in daily life
	September	TERM I EXAMINATION	

Web Application

Book Prescribed: CBSE Resources			
	Months	Content	Learning Outcomes
TERM-I	March - April & May	Chapter No. :1 Communication Skills-IV (Employability Skills)	Students will be able to: Remember: The key components of effective communication Understand: The process and importance of communication skills Apply: Active listening and use appropriate communication techniques in group discussions Analyze: Real-life scenarios to identify communication gaps and suggest improvements
		Chapter 1: Emerging Trends (Subject Specific)	Students will be able to: Remember: Internet of Things (IoT) and Industrial Internet of Things (IIoT) Understand: The classification of different types of Operating Systems and their use. Apply: The gained knowledge to identify Cloud Computing and Edge Computing , Describe Artificial Intelligence (AI) and Machine Learning (ML) Analyze: The importance of Digital Marketing and its Career Opportunities, Recognize and explain the importance of Social Media Etiquette
	June	SUMMER BREAK	

	July	Chapter4 : Cyber Safety and Security (Subject Specific)	Students will be able to: Remember: Define cyber safety, cyber security, and cyber ethics. Identify common cyber threats such as viruses, phishing, malware, and hacking. Recall safe internet practices and password guidelines. Understand: Explain the importance of cyber safety and responsible online behavior. Describe how cyber threats affect individuals and organizations. Discuss the need for strong passwords, antivirus software, and data privacy. Apply: Create strong and secure passwords for online accounts. Demonstrate safe browsing and email practices to avoid cyber threats. Analyze: Differentiate between safe and unsafe online activities. Analyze real-life cybercrime scenarios and suggest preventive measures. Evaluate the authenticity of emails, websites, and online messages to identify potential cyber threats.
		Unit-III ICT Skills (Employability Skill)	Students will be able to: Remember: Basic computer operations, internet usage and digital tools Understand: The role of ICT in communication, education and business Apply: ICT skills for presentations, data handling and online collaboration Analyze: The advantages and limitations of digital technologies in daily life
	August		PERIODIC TEST I
		Unit-II Self-Management Skills-IV (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

Yoga

Book Prescribed: CBSE Resources			
	Months	Content	Learning Outcomes
TERM-I	March - April & May	Chapter No. :1 Communication Skills-IV (Employability Skills)	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
		Unit 1 – Introduction to Yoga and Yogic Practices-II	Students will be able to: Remember: Define Yoga and explain its origin, history, and development in India. Recall basic terms like Asana, Pranayama, and Meditation. Understand: Explain the meaning, aims, and importance of Yoga. Describe the role of Yoga in physical, mental, and spiritual well-being. Apply: Demonstrate simple yogic practices (basic asanas and breathing techniques). Practice correct posture and breathing for relaxation and stress reduction. Analyze: Analyze the impact of Yoga on stress management and lifestyle diseases. Compare Yoga with other physical activities in terms of benefits and outcomes.
	June	SUMMER BREAK	
	July	UNIT-2 Self Management Skills II (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 selfmanagement, 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
		UNIT-2 Introduction to Yoga Texts- II (Yoga)	Students will be able to: Remember: Recall important Yoga texts such as <i>Hatha Yoga Pradipika</i>, <i>Gheranda Samhita</i>, and <i>Shiva Samhita</i>. Identify the author of <i>Hatha Yoga Pradipika</i> (Swami Swatmarama). Understand: Explain the meaning and importance of Yoga texts in understanding yogic practices. Describe the basic content of <i>Hatha Yoga Pradipika</i> (Asana, Pranayama, Mudra, Samadhi). Understand that these texts provide practical and philosophical guidance for Yoga. Apply: Apply teachings from Yoga texts in performing basic yogic practices (asana and breathing). Follow simple guidelines from texts like discipline, posture, and breathing control. Analyze: Analyze how Yoga texts guide physical, mental, and spiritual development. Compare different Yoga texts in terms of their focus (practical vs philosophical). Evaluate the relevance of ancient Yoga texts in modern lifestyle.
	August	PERIODIC TEST I	

		UNIT- 3 Information & Communication Technology Skills (Employability Skill)	Students will be able to: Remember: Basic keyboard shortcuts and functions, computer system parts and common ICT tools Understand: The importance of ICT in education, work, and daily life and describe key software functions, digital communication tools and basic user interface elements Apply: The acquired knowledge to use word processors for document creation and formatting, send and receive emails with attachments, safely search the internet, and create basic slide presentations Analyze: ICT's impact on communication, learning, and work and cyber safety issues with prevention strategies
	September	TERM I EXAMINATION	

Applied Mathematics (241)

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
Term - I	March - April & May	Chapter: Matrices	Students will be able to: Remember: The concept of matrices, type of matrices, operations on matrices, transpose of a matrix, symmetric and skew symmetric matrices. Understand: The properties of addition, multiplication of matrices and scalar multiplication Apply: Addition and multiplication of matrices and scalar multiplication to real life problems Analyze: Non- commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (order 2) ; the uniqueness of inverse of a matrix, if it exists
		Chapter : Determinants	Students will be able to: Remember: The key terms - Determinant of a square matrix, minors and co- factors. Understand: The method of finding the adjoint, inverse of a square matrix and number of solutions of system of linear equations Apply: The acquired knowledge to solve the system of linear equations in two or three variables (having unique solution) using inverse of a matrix Analyze: The consistency and inconsistency of solutions
		Ch- Financial Mathematics	Students will be able to: Remember: The concept of perpetuity and sinking fund Understand: The difference between sinking fund and saving account and the concept of EMI Apply: The gained knowledge to calculate EMI using various methods and Compound Annual Growth Rate Analyze: Different investment options and the impact of interest rates on investments and loans
		Chapter No. : Numbers, Quantification and Numerical Applications	Students will be able to: Remember: The key terms modulus of an integer, congruence modulo Understand: The comparison between two statements/situations which can be compared numerically Apply: Modulus and conjugate to simplify complex expressions;

			the definition in various problems Analyze: The appropriateness of numerical methods for specific Problems
	June	SUMMER BREAK	
	July	Chapter – Differentiation and its Applications	Students will be able to: Remember: Derivatives up to first order Understand: Differentiation of parametric functions and implicit functions up to second order Apply: The gained knowledge to solve simple problems related to increasing and decreasing behaviour of a function in the given interval. and find local maxima and local minima Analyze: The difference between marginal cost and marginal revenue
		Chapter – Linear Programming	Students will be able to: Remember: Definition of Decision Variable, Constraints, Objective function, Optimization and Non negative constraints Understand: The problem in terms of in equations Apply: Corner Point Method for the Optimal solution of LPP Analyze: Feasible and infeasible solutions
	August	PERIODIC TEST I	
		Chapter – Time-based data	Students will be able to: Remember: Time series as chronological data Understand: Long-term tendency Apply: The gained knowledge to demonstrate the techniques of finding trend by different methods Analyze: Fitting a Straight-line trend and estimating the value
	September	TERM I EXAMINATION	

Mathematics(041)

Book Prescribed: NCERT			
	Months	Content	Learning Outcomes
Term-1	March – April & May	Chapter No. 3 Matrices	Students will be able to: Remember: The concept of matrices, type of matrices, operations on matrices, transpose of a matrix, symmetric and skew symmetric matrices. Understand: The properties of addition, multiplication of matrices and scalar multiplication Apply: Addition and multiplication of matrices and scalar multiplication to real life problems Analyze: Non- commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (order 2) ; the uniqueness of inverse of a matrix, if it exists

		Chapter No. 4 Determinants	Students will be able to: Remember: The key terms - Determinant of a square matrix, minors and co- factors. Understand: The method of finding the adjoint, inverse of a square matrix and number of solutions of system of linear equations Apply: The acquired knowledge to solve the system of linear equations in two or three variables (having unique solution) using inverse of a matrix Analyze: The consistency and inconsistency of solutions
		Chapter No.1 Relations and Functions	Students will be able to: Remember: Types of relations- reflexive, symmetric, transitive. Understand: The concept of equivalence relations and bijective mappings Apply: The gained knowledge to identify equivalence relations and bijective mappings Analyze: Different types of relations and functions
		Chapter No.2 Inverse Trigonometric Functions	Students will be able to: Remember: Definitions and properties of inverse trigonometric functions Understand: Domain and range of inverse trigonometric functions Apply: The gained knowledge to evaluate problems in inverse trigonometric functions Analyze: The restrictions on the domain and range of inverse trigonometric functions
		Chapter No. – 5 Continuity and differentiability	Students will be able to: Remember: The concept of continuity and differentiability, chain rule, derivative of composite functions and inverse trigonometric functions Understand: Derivative of implicit functions and the concept of exponential and logarithmic functions Apply: Differentiation rules to find derivatives of functions, including Trigonometric functions, Exponential and logarithmic functions and Composite functions Analyze: Continuity and differentiability of functions and identifying points of discontinuity
	June	SUMMER BREAK	
	July	Chapter No. – 6 Application of derivatives (Rate of change , Increasing and decreasing functions, Maxima and Minima)	Students will be able to: Remember: The concepts of derivatives and their applications, definitions of maxima, minima, critical points, and first/second derivative tests Understand: The rate of change of functions with respect to a variable, increasing/decreasing functions and the concepts of local and absolute maxima/minima and conditions for their existence Apply: The gained knowledge to use derivatives to find rates of change, identify increasing/decreasing intervals and solve optimization problems Analyze: Different functions to determine their behaviour (increasing/decreasing) and solve related problems and various real-life problems and determine maximum or minimum values
	August	PERIODIC TEST I	

		Chapter No. – 7 Integers	Students will be able to: Remember: The key difference between definite and indefinite integrals Understand: Integration as inverse process of differentiation Apply: The gained knowledge to solve problems of Integration of variety of functions by substitution method, partial fractions and integration by parts Analyze: Different integration techniques and their applications
		Chapter No. – 8 Application of Integrals	Students will be able to: Remember: Key concepts related to application of integrals Understand: How integrals are used to solve real-world problems Apply: The gained knowledge in finding the area under simple curves, especially lines, circles/ parabolas/ellipses Analyze: Area under different curves
		Chapter No. – 9 Differential Equations	Students will be able to: Remember: Definition, order and degree, general and particular solutions of a differential equation Understand: General and particular solutions of a differential equation Apply: Various techniques to solve differential equations Analyze: Solutions of differential equations in the context of real world problems
	September	TERM I EXAMINATION	

