

DELHI PUBLIC SCHOOL GANDHINAGAR
SYLLABUS FOR HALF YEARLY EXAMINATION (2026-27)
CLASS XI

SUBJECT	CHAPTERS
ENGLISH	Reading: Unseen Passage, Note Making & Summarising Advanced Writing Skills & Grammar: Poster Making, Advertisement, Speech Writing, Integrated Grammar, Reordering of sentences Literature: The Portrait of a Lady, We are not Afraid to Die...., Discovering Tut: the Saga Continues, The Adventure, A Photograph, The Laburnum Top, The Voice of the Rain, The Summer of the Beautiful White Horse, The Address
PHYSICS	CH: 01 Units & Measurements CH: 02 Motion in a Straight Line CH: 03 Motion in a Plane CH: 04 Laws of Motion CH: 05 Work, Energy & Power CH: 06 Rotational Dynamics
CHEMISTRY	CH: 01 Some Basic Concepts of Chemistry CH: 02 Structure of Atom CH: 03 Classification of Elements and Periodicity in Properties CH: 04 Chemical Bonding And Molecular Structure CH: 05 Thermodynamics
BIOLOGY	CH: 05 Morphology of Flowering Plants CH: 06 Anatomy of Flowering Plants CH: 07 Structural organisation in Animals CH: 08 Cell: The Unit of Life CH: 09 Biomolecules CH: 10 Cell Cycle and Cell Division CH: 14 Breathing and Exchange of Gases
MATHEMATICS	CH: 01 Sets CH: 02 Relations and Functions CH: 03 Trigonometric functions CH: 04 Complex Numbers and Quadratic Equations CH: 05 Linear Inequalities CH: 06 Permutations and Combinations CH: 11 Introduction to Three Dimensional Geometry
COMPUTER SCIENCE	CH: 04 Introduction to Problem-Solving CH: 05 Getting Started with Python CH: 06 Python Fundamentals CH: 07 Data Handling CH: 08 Introduction to Python Modules CH: 09 Flow of Control CH: 10 String Manipulation CH: 11 List Manipulation
PHYSICAL EDUCATION	UNIT 1 Changing Trends & Career in Physical UNIT 2 Olympic Value Education UNIT 3 Yoga UNIT 4 Physical Education & Sports for CWSN UNIT 5 Physical Fitness, Wellness UNIT 6 Test, Measurements & Evaluation

PSYCHOLOGY	CH: 01 Understanding Psychology CH: 02 Methods of Enquiry in Psychology CH: 03 Human Development CH: 04 Sensory, Attentional and Perceptual Processes
SANSKRIT	पाठ: १ कुशल प्रशासनम् पाठ:- २ सूक्तिसुधा पाठ:- ४ वीरः सर्वदमनः पाठ: ५ शुकशावकोदन्तः व्याकरणम् - धातुरूपाणि, वाच्यपरिवर्तनम्, प्रत्ययाः, स्वर-व्यञ्जनसन्धिः, अशुद्धिशोधनम्, संस्कृतसाहित्यपरिचयः – १, २, अपठितगद्यांशः, पत्रलेखनम्, कथापूर्तिः/संवादपूर्तिः, चित्रवर्णनम्/अनुच्छेदलेखनम्
HINDUSTANI MUSIC - VOCAL	Topic 1 - Raag Bihag Topic 2 - Raag Bageshri/ Bhimpalasi Topic 3 - Taal: Tritaal, Ektaal Topic 4 - Definitions
HINDUSTANI MUSIC– MELODIC INSTRUMENTS (GUITAR)	Raag Bhairav detailed study Taal- Teen taal Thah, Dugun, Chougun Gat- Raza Khani Like sketch -Allauddin Khan Detailed study Sangeet Ratnakar and Sangeet Parijat
DANCE-KATHAK	History of dance. History of Kathak. Definitions Definition of Ang, upang, and pratyag. Notations (Taal, Tukda)
HINDUSTANI MUSIC– PERCUSSION INSTRUMENTS (TABLA)	Taal Parichay - Taal Teentaal and Jhaptaal Description of the Kaal, Laya and Sangeet Peshkar, Uthan and Rela. Brief knowledge of Natyashastra with Awanaddh vadya varnan.
PAINTING	CH: 03-National Flag of India and the Symbolic significance of its forms and the colours sculpture CH: 04- Introduction to the Bengal School of Painting Origin and development of the Bengal School of Painting (ii Main features of the Bengal School of Painting The Bengal School of Painting and the Modern trends in Indian Art (About the beginning to mid of the 20th Century)
ACCOUNTANCY	CH: 01 Introduction to Accounting CH: 02 Basic Accounting Terms CH: 03 Theory base of Accounting CH: 04 Bases of Accounting CH: 05 Accounting Equation CH: 06 Accounting Procedure - Rules of Debit and Credit CH: 07 Origin of Transactions - Source Documents and Preparation of Vouchers CH: 08 Journal CH: 09 Ledger CH: 10 Cash Book CH: 11 Other Books CH: 14 Trial Balance

BUSINESS STUDIES	CH: 01 Business, Trade and Commerce CH: 02 Forms of Business Organisation CH: 07 Formation of a Company CH: 03 Private, Public and Global Enterprises CH: 04 Business Services CH: 05 Emerging Modes of Business
ECONOMICS	<u>Micro Economics:</u> CH: 01 Introduction CH: 02 Theory of Consumer's Equilibrium and Indifference Curve CH: 03 Theory of Demand and Price elasticity of Demand CH: 04 Production Function and Returns to Factor <u>Statistics:</u> CH: 01 Introduction CH: 02 Collection of data CH: 03 Organization of data CH: 04 Presentation of data CH: 05 Measure of Central Tendency (Mean)
APPLIED MATHEMATICS	CH: 01 Numbers CH: 02 Indices and Logarithms CH: 03 Qualitative Aptitude CH: 04 Sets and Relations CH: 05 Sequences and Series (G.P. only) CH: 06 Permutations and Combinations CH: 08 Functions
ARTIFICIAL INTELLIGENCE	Part A: Unit 1 : Communication Skills-III Unit 2 : Self-Management Skills-III Unit 3 : ICT Skills-III Unit 4 : Entrepreneurial Skills-III Unit 5 : Green Skills-III Part B : Unit 1 : Introduction: Artificial Intelligence for Everyone Unit 2 : Unlocking Your Future in AI Unit 3 : Python Programming Unit 4 : Introduction to Capstone Project
HISTORY	Theme: 01 Writing and City Life Theme: 02 An Empire Across Three Continents Theme: 03 Nomadic Empires Theme:04 The Three Orders
POLITICAL SCIENCE	BOOK-1 (Indian Constitution At Work-ICAW) ● CH-01 Constitution: Why and How? ● CH-02 Rights in the Indian Constitution ● CH-03 Election and Representation ● CH-04 The Executive ● CH-05 Legislature BOOK-2 (Political Theory-PT) ● CH-01 Political Theory: An Introduction ● CH-02 Freedom ● CH-03 Equality ● CH-04 Social Justice