DELHI PUBLIC SCHOOL, GANDHINAGAR
SESSION (2024-25)
ANNUAL EXAMINATION SYLLABUS
CLASS-XI

SUBJECT	TOPICS
ENGLISH	**Reading:** Unseen Passages, Note Making & Summarising. **Advanced Writing Skills & Grammar:** Poster Making, Advertisement, Speech Writing, Debate Writing, Integrated Grammar, Tenses, Clauses, Reordering and Transformation of Sentences. **Literature**: The Portrait of a Lady, We are not Afraid to Die…., Discovering Tut: the Saga Continues, The Adventure, Silk Road, A Photograph, The Laburnum Top, The Voice of the Rain, Childhood, Father to Son, The Summer of the Beautiful White Horse, The Address, Mother's Day, Birth, The Tale of Melon City.
PHYSICS	CH: 01 Units and Measurements CH: 02 Motion in a Straight Line CH: 03 Motion in a Plane CH: 04 Laws of Motion CH: 05 Work, Energy and Power CH: 06 System of Particles and Rotational Motion CH: 07 Gravitation CH: 08 Mechanical Properties of Solids CH: 09 Mechanical Properties of Fluids CH: 10 Thermal Properties of Matter CH: 11 Thermodynamics CH: 12 Kinetic Theory CH: 13 Oscillations CH: 14 Waves
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 Chemical Thermodynamics CH: 06 Equilibrium CH: 07 Redox Reaction CH: 08 Organic Chemistry -Some Basic Principles and Techniques CH: 09 Hydrocarbons
MATHEMATICS	CH: 01 Sets CH: 02 Relations and Functions CH: 03 Trigonometric Functions CH: 04 Complex Numbers CH: 05 Linear Inequalities CH: 06 Permutations and Combinations CH: 07 Binomial Theorem CH: 08 Sequences and Series CH: 09 Straight Lines CH: 10 Conic sections CH: 11 Introduction to three-dimensional geometry CH: 12 Limits and Derivatives CH: 13 Statistics CH: 14 Probability

BIOLOGY	CH 01: Living World CH 02: Biological Classification CH 03: Plant Kingdom CH 04: Animal Kingdom 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 11: Photosynthesis in Higher Plants CH 12: Respiration in Plants CH 13: Plant Growth and Development CH 14: Breathing and Exchange of Gases CH 15: Body Fluids and Circulation CH 16: Excretory Products and their Elimination CH 17: Locomotion and Movement CH 18: Neural Control and Coordination CH 19: Chemical Control and Coordination
COMPUTER SCIENCE	CH 1: Computer System Overview CH 2: Data Representation CH 3: Boolean Logic CH 4: Introduction to Problem Solving CH 5: Getting Started with Python CH 6: Python Fundamentals CH 7: Data Handling CH 8: Introduction to Python Modules CH 9: Flow of Control CH 10: String Manipulation CH 11: List Manipulation CH 12: Tuples CH 13: Dictionaries CH 13: Dictionaries (Contd..) CH 14: Cyber Safety CH 15: Society Law and Ethics
PSYCHOLOGY	CH 1: What is Psychology? CH 2: Methods of Enquiry in Psychology CH 3: Human Development CH 4: Sensory, Attentional, and Perceptual Processes CH 5: Learning CH 6: Human Memory CH 7: Thinking CH 8: Motivation and Emotion
PHYSICAL EDUCATION	UNIT 1 Changing Trends & Career in Physical Education 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 UNIT 7 Fundamentals of Anatomy and Physiology in Sports UNIT 8 Fundamentals of Kinesiology and Biomechanics in Sports UNIT 9 Psychology and Sports UNIT 10 Training & Doping in Sports

ACCOUNTANCY	CH 1 Introduction to Accounting CH 2 Basic Accounting Terms CH 3 Theory Base of Accounting CH 4 Bases of Accounting CH 5 Accounting Equation CH 6 Accounting Procedure – Rules of Debit and Credit CH 7 Origin of Transactions and Preparation of Vouchers CH 8 Journal CH 9 Ledger CH 10 Cash Book CH 11 Other Books CH 12 Accounting of Goods and Services Tax CH 13 Bank Reconciliation Statement CH 14 Trial Balance CH 15 Depreciation CH 16 Provisions and Reserves CH 17 Rectification of Errors CH 18 Financial Statements (Without Adjustments) CH 19 Financial Statements (With Adjustments) CH 20 Single Entry System
BUSINESS STUDIES	CH 1 Business, Trade and Commerce CH 2 Forms of Business Organisation and Formation of Company CH 3 Private, Public and Global Enterprises CH 4 Business Services CH 5 Emerging Modes of Business CH 6 Social Responsibility of Business and Business Ethics CH 7 Sources of Business Finance CH 8 Small Business and Enterprise CH 9 Internal Trade CH 10 International Business
ECONOMICS	**Statistics:** CH-1 Introduction CH-2 Collection of data CH-3 Organisation of data CH-4 Presentation of data CH-5 Measures of Central Tendency (mean, median, mode) CH-6 Correlation CH-7 Index Number **Microeconomics:** UNIT-1 Introduction UNIT-2 Consumer's Equilibrium and Demand - Consumer's Equilibrium - Demand - Elasticity of demand UNIT- 3 Producer behaviour and supply - Production Function - Cost - Revenue - Producer's Equilibrium - Supply UNIT-4 Forms of Market and Price Determination under Perfect Competition with Simple Applications.

	• Main Market Forms (Perfect Competition) • Price Determination with Simple Application
HISTORY	Theme - 1 Writing and City Life Theme - 2 An Empire Across Three Continents Theme - 3 Nomadic Empires Theme - 4 The Three Orders Theme - 5 Changing Cultural Traditions Theme - 6 Displacing Indigenous People Theme - 7 Paths to Modernisation
GEOGRAPHY	**Book-Fundamentals of Physical Geography** CH 1 Geography As a Discipline CH 2 The Origin and Evolution of the Earth CH 3 Interior of the Earth CH 4 Distribution of Oceans and Continents CH 5 Geomorphic Processes CH 6 Landforms and their Evolution CH 7 Composition and Structure of Atmosphere CH 8 Solar Radiation, Heat balance and Temperature CH 9 Atmospheric Circulation and Weather Systems CH 10 Water in Atmosphere CH 11 Water (Ocean) CH 12 Movements of Ocean Water **Book - India- Physical Environment** CH 1 India- Location CH 2 Structure and Physiography CH 3 Drainage System CH 4 Climate CH 5 Natural Vegetation
INFORMATICS PRACTICES	CH 1 Computer System CH 2 Getting Started with Python CH 3 Python Fundamentals CH 4 Data Handling CH 5 Flow of control CH 6 List Manipulation CH 7 Dictionary CH 8 Database Concepts CH 9 Structured Query Language CH 10 Emerging Trends
APPLIED MATHEMATICS	CH 1: Binary Number System CH 2: Indices and Logarithm CH 3: Quantitative Aptitude CH 4: Mensuration CH 5: Sets and Relations CH 6: Sequence and Series CH 7: Permutation and Combinations CH 8: Logical Reasoning CH 9: Functions CH 10: Limit and Continuity

	CH 11: Differentiation CH 12: Probability CH 13: Descriptive Statistics CH 14: Compound Interest and Annuity CH 15: Taxation CH 16: Utility Bills CH 17: Straight lines CH 18: Circles and Parabolas
SANSKRIT	पाठः- कुशलप्रशासनम् पाठः - सूक्तिसुधा पाठः - वीरः सर्वदमनः पाठः - शुकशावकोदन्तः , पाठः - सङ्गीतानुरागी सुब्बण्णः पाठः - वस्त्रविक्रयः पाठः - यद् भूतहितं तत्सत्यम्, पाठः - स मे प्रियः धातुरूपाणि, वाच्यपरिवर्तनम्, कारक-उपपदविभक्तिः, प्रत्ययाः, स्वर-विसर्ग-व्यञ्जनसन्धिः, अशुद्धिशोधनम्, संस्कृतसाहित्यपरिचयः – १, २,३ अपठितगद्यांशः, पत्रलेखनम्, लघुकथा/वार्तालापे एकपक्षपूरणम्, अनुवाद
MUSIC	Taal - Tritaal, Chautaal, Ektaal (Thah, Dugun, Chaugun) Dhrupad and Dhamaar Raag - Bhimpalasi, Bihag (Chota khayal, Sargam, Taan) LIfe sketch of V.D.Palushkar Musical Theory (Descriptive)
GUITAR	Naad, Saptak, Shruti, Laya, Raag parichay (Bhimpalasi) Thaat, jati, Laya,Tala. Brief study of Margi- Desi, Raga,Gat. Brief History of Dhrupad, Mastikhani , Razakhani Gat and Dhrupad
DANCE	History of kathak Definition Short Notes- Anga, Pratyanga, Upanga, Tandav, Lasya, Nritya, Nritta, Natya Aspects of Kathak Notations,Taal