

**DELHI PUBLIC SCHOOL, GANDHINAGAR**  
**SESSION (2024-25)**  
**HALF YEARLY EXAMINATION SYLLABUS**  
**CLASS-XI**

SUBJECT	TOPICS
<b>ENGLISH</b>	<p><b>Reading:</b> Unseen Passage, Note Making &amp; Summarising</p> <p><b>Writing Skills &amp; Grammar:</b> Poster Making, Advertisement, Speech Writing, Integrated Grammar, Reordering of sentences</p> <p><b>Literature:</b> 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</p>
<b>PHYSICS</b>	<p>CH 01: Units &amp; Measurement</p> <p>CH 02: Motion In Straight Line</p> <p>CH 03: Motion In Plane</p> <p>CH 04: Laws Of Motion</p> <p>CH 05: Work, Energy &amp; Power</p> <p>CH 06: Rotational Motion (Up to article 6.2 of the textbook)</p>
<b>CHEMISTRY</b>	<p>CH: 01 Some Basic Concepts of Chemistry</p> <p>CH: 02 Structure of Atom</p> <p>CH: 03 Classification of Elements and Periodicity in Properties</p> <p>CH: 04 Chemical Bonding and Molecular Structure</p> <p>CH: 05 Chemical Thermodynamics</p> <p>CH: 06 Equilibrium</p>
<b>MATHEMATICS</b>	<p>CH: 01 Sets</p> <p>CH: 02 Relations and Functions</p> <p>CH: 03 Trigonometric Functions</p> <p>CH: 04 Complex Numbers and Quadratic equations</p> <p>CH: 05 Linear Inequalities</p> <p>CH: 06 Permutations and Combinations</p>
<b>BIOLOGY</b>	<p>CH 1: The Living World</p> <p>CH 2: Biological Classification</p> <p>CH 3: Plant Kingdom</p> <p>CH 4: Animal Kingdom</p> <p>CH 5: Morphology of Flowering Plants</p> <p>CH 6: Anatomy of flowering Plants</p> <p>CH 7: Structural organization in Animals</p> <p>CH 8: Cell: The Unit of Life</p> <p>CH 10: Cell Cycle and Cell Division</p>
<b>COMPUTER SCIENCE</b>	<p>CH 4: Introduction to Problem Solving</p> <p>CH 5: Getting Started with Python</p> <p>CH 6: Python Fundamentals</p> <p>CH 7: Data Handling</p> <p>CH 8: Introduction to Python Modules</p> <p>CH 9: Flow of Control</p> <p>CH 10: String Manipulation</p> <p>CH 11: List Manipulation</p>

<b>PSYCHOLOGY</b>	CH 1: What is Psychology? CH 2: Methods of Enquiry in Psychology CH 3: Human Development CH 4: Sensory, Attentional and Perceptual Processes (Up to the Perception of Space, Depth, and Distance.)
<b>PHYSICAL EDUCATION</b>	CH 1: Changing Trends & Career in Physical Education CH 2: Olympic Value Education CH 3: Yoga CH 4: Physical Education & Sports for CWSN CH 5: Physical Fitness, Health and Wellness CH 6: Test, Measurement & Evaluation
<b>ACCOUNTANCY</b>	CH. 1 Introduction to Accounting CH. 2 Basic Accounting Terms CH. 3 Theory Base of Accounting CH. 4 Basis 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 Book CH. 14 Trial Balance
<b>BUSINESS STUDIES</b>	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
<b>ECONOMICS</b>	<b><u>STATISTICS:</u></b> 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) <b><u>MICRO ECONOMICS:</u></b> CH: 1 Introduction CH: 2 Consumer's Equilibrium and Demand CH: 3 Producer Behaviour and Supply (Till Cost)
<b>HISTORY</b>	Theme -1 Writing and City Life Theme -2 An Empire Across Three Continents Theme -3 Nomadic Empires Theme -4 The Three Orders
<b>GEOGRAPHY</b>	<b>Book- Fundamentals of Physical Geography</b> 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

	<p>CH 6. Landform and their Evolution  CH 7. Composition and Structure of Atmosphere  <b>Book – India- Physical Environment</b>  CH 1. India- Location  CH 2. Structure and Physiography  CH 3. Drainage System</p>
<b>INFORMATICS PRACTICES</b>	<p>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</p>
<b>APPLIED MATHEMATICS</b>	<p>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 (Till Ex 7.3)  CH 8: Logical Reasoning  CH 9: Functions</p>
<b>SANSKRIT</b>	<p>पाठः १ कुशलप्रशासनम्  पाठः ३ सूक्तिसुधा  पाठः ५ वीरः सर्वदमनः  पाठः ६ शुकशावकोदन्तः  धातुरूपाणि, वाच्यपरिवर्तनम्, प्रत्ययाः, स्वर-व्यञ्जनसन्धिः, अशुद्धिशोधनम्,  संस्कृतसाहित्यपरिचयः – १ अपठितगद्यांशः, पत्रलेखनम्, लघुकथा, वार्तालापे एकपक्षपूरणम्</p>
<b>MUSIC</b>	<p>Raag - Bihag Chota khyal with aalap , taan  Raag - Bhimpalasi Bandish with notation  Brief study of – Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Taal.</p>
<b>GUITAR</b>	<p>Raag - Bihag Razakhani gat  Teentaal, Choutaal  Life sketch of VN Bhatkhande  Brief study of Maargi Desi raag and Musical elements in Natyashastra.</p>
<b>DANCE</b>	<p>Introduction of Indian classical dance.  Introduction of kathak in detail.  Definitions: TODA, TIHAI, THAT, AAMAD,  SALAMI, LAYA, TYPES OF LAYAS, TAAL,  TAALI, KHAALI, KHAND, MAATRA  Notation: toda, aamad, tihai (teentaal).</p>