

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

SUBJECT	TOPICS
<b>ENGLISH</b>	<b>Unseen Passage</b> <b>Flamingo:</b> The Last Lesson, Lost Spring, Deep Water, Rattrap, Keeping Quiet(P), My Mother at 66 (P), A Thing of Beauty (P) <b>Vistas:</b> The Third Level, The Tiger King , The Enemy, Journey to the End of the Earth <b>WRITING SKILLS-</b> Notice Writing, Letter to Editor, Article Writing, Invitation, Job Application
<b>PHYSICS</b>	CH 01: Electric Charge & Electric Field CH 02: Electrostatic Potential & Capacitance CH 03: Current Electricity CH 04: Moving Charges & Magnetism CH 05: Magnetism & Matter CH 06: Electromagnetic Induction CH 07: Alternating Current CH 08: Electromagnetic Waves
<b>CHEMISTRY</b>	CH: 01 Solutions CH: 02 Electrochemistry CH: 03 Chemical Kinetics CH: 04 d & f Block Elements CH: 06 Haloalkanes and Haloarenes CH: 07 Alcohols, Phenols and Ethers CH: 08 Aldehydes, Ketones and Carboxylic acid
<b>MATHEMATICS</b>	CH: 01 Relations and Functions CH: 02 Inverse Trigonometric Functions CH: 03 Matrices CH: 04 Determinants CH: 05 Continuity and Differentiability CH: 06 Application of Derivatives CH: 07 Integrals
<b>BIOLOGY</b>	CH 1: Sexual Reproduction in Flowering Plants CH 2: Human Reproduction CH 3: Reproductive Health CH 4: Principles of Inheritance and Variation CH 5: Molecular Basis of Inheritance CH 6: Evolution CH 7: Human Health and Disease CH 8: Microbes in Human Welfare
<b>COMPUTER SCIENCE</b>	CH 1: Python Revision Tour-I CH 2: Python Revision Tour-II CH 3: Working With Functions CH 4: Using Python Libraries CH 5: File Handling CH 6: Basics of Exception Handling CH 10: Relational Databases CH 11: Simple Queries in SQL

	CH 12: Table Creation and Data Manipulation Commands CH 14: Interface Python with MySQL
<b>PSYCHOLOGY</b>	CH 1: Variations in Psychological Attributes CH 2: Self and Personality CH 3: Meeting Life Challenges CH 4: Psychological Disorders (Up to the Neurodevelopmental Disorders)
<b>PHYSICAL EDUCATION</b>	CH 1: Management of Sporting Events CH 2: Children and Women in Sports CH 3: Yoga as Preventive Measure for Lifestyle Disease CH 4: Physical Education and Sports for CWSN CH 5: Sports and Nutrition CH 6: Test and Measurement in Sports
<b>ACCOUNTANCY</b>	CH: 01 Financial Statements of Companies CH: 02 Analysis of Financial Statements CH: 03 Comparative and Common Size Statements CH: 04 Ratio Analysis CH: 05 Cash Flow Statement CH: 06 Fundamentals of Partnership Firms CH: 07 Goodwill CH: 08 Change in Profit Sharing Ratio CH: 09 Admission of a Partner CH: 10 Retirement of a Partner
<b>BUSINESS STUDIES</b>	CH: 01 Nature and Significance of Management CH: 02 Principles of Management CH: 03 Business Environment CH: 04 Planning CH: 05 Organising CH: 06 Staffing CH: 07 Directing CH: 08 Controlling
<b>ECONOMICS</b>	<b>Macroeconomics:</b> CH: 3 Money and Banking CH: 4 Determination of Income and Employment CH: 5 Government Budget and the Economy <b>Indian Economy:</b> CH: 1 Indian Economy on the Eve of Independence. CH: 2 Indian Economy (1950- 1990) CH: 3 Liberalisation, Privatisation and Globalisation CH: 5 Human Capital Formation CH: 6 Rural Development CH: 7 Employment: Growth and Informalisation and other Issues.
<b>HISTORY</b>	Theme-1 Bricks, Beads and Bones Theme- 2 Kings, Farmers and Towns Theme- 3 Kinship, Caste and Class Theme- 4 Thinkers, Beliefs and Buildings Theme- 5 Through the eyes of Travellers Theme- 6 Bhakti -Sufi Traditions Theme-7 An Imperial Capital: Vijayanagara Theme- 8 Peasants, Zamindars and the State

<b>GEOGRAPHY</b>	<b>Book- Fundamental of Human Geography</b> CH: 1 Human Geography CH: 2 The World Population Density Distribution and Growth CH: 3 Human Development CH: 4 Primary Activities CH: 5 Secondary Activities <b>Book-India People and Economy</b> CH: 1 Population Distribution Density Growth and Composition CH: 2 Human Settlements CH: 3 Land Resources and Agriculture CH: 4 Water Resources CH: 5 Mineral And Energy Resources
<b>INFORMATICS PRACTICES</b>	CH: 1 Python Pandas I CH: 2 Python Pandas II CH: 3 Plotting with PyPlot CH: 4 Importing/exporting data between CSV files and Pandas CH: 5 MySQL Revision Tour CH: 10 Introduction to Internet and web
<b>APPLIED MATHEMATICS</b>	CH: 1 Number Quantification and Numerical Analysis CH: 2 Numerical Inequalities CH: 3 Matrices CH: 4 Determinants CH: 5 Differentiation CH: 6 Application of Derivatives CH: 7 Integration
<b>SANSKRIT</b>	पाठः १ अनुशासनम् पाठः ३ मातुराज्ञा गरीयसी पाठः ४ प्रजानुरञ्जको नृपः पाठः ५ दौवारिकस्य निष्ठा संस्कृतसाहित्यस्य इतिहासः-४,७,९ सन्धिः, प्रत्ययाः, समासः, उपपदविभक्तिः, अपठितगद्यांशः, पत्रलेखनम्, लघुकथापूर्तिः, वार्तालापे एकपक्षपूरणम्, अनुवादः
<b>MUSIC</b>	Topic 1 - Taal (Single, Dugun, Chogun) Topic 2 - Raag Malkauns (Bada - Chota Khayal) Topic 3 - Life sketch (Faiyaaz khan, Bade gulam ali khan)
<b>GUITAR</b>	Raag Bhairav & Malkauns, Jhaptaal, Rupak Life sketch Mushtaq ali khan Definition: Meend, kan, zamzama, Krintan, Sit
<b>DANCE</b>	History of 8 Indian classical dance. Introduction of abhinaya and its types. kathak gharana in detail. Definition: Vandana, Tihaayi, Aamad, Toda/Tukraa, Paran, Chakardar Toda/Tukraa and Paran. anghara, bharmari, lokdharmi, natyadharami, Notation.: teentaal and jhaptaal.