

**DELHI PUBLIC SCHOOL GANDHINAGAR**  
**SYLLABUS FOR PRE-BOARD I EXAMINATION (2026-27)**  
**CLASS XII**

| <b>SUBJECT</b>     | <b>CHAPTERS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>ENGLISH</b>     | Section A: Unseen Passage<br>Section B: Writing Skill- Notice Writing, Letter to Editor, Article Writing, Invitation, Replies, Job Application, Report Writing<br>Section C: Flamingo: The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo, Poets and Pancakes<br>Poems: Keeping Quiet, My Mother at 66, A Thing of Beauty, A Roadside Stand, Aunt Jennifer's Tigers<br>Vistas: The Third Level, The Tiger King, The Enemy, Journey to the End of the Earth, On the Face of It, Memories of Childhood |
| <b>PHYSICS</b>     | CH: 01 Electric Charges and Electric Field<br>CH: 02 Electrostatic Potential & Capacitance<br>CH: 03 Current Electricity<br>CH: 04 Moving Charges & Magnetism<br>CH: 05 Magnetism & Matter<br>CH: 06 Electromagnetic Induction<br>CH: 07 Alternating Current<br>CH: 08 Electromagnetic Waves<br>CH: 09 Ray Optics<br>CH: 10 Wave Optics<br>CH: 11 Dual Nature of Radiation and Matter                                                                                                                           |
| <b>CHEMISTRY</b>   | CH: 01 Solutions<br>CH: 02 Electrochemistry<br>CH: 03 Chemical Kinetics<br>CH: 04 d & f block elements<br>CH: 05 Coordination Compounds<br>CH: 06 Haloalkanes and Haloarenes<br>CH: 07 Alcohols, Phenols and Ethers<br>CH: 08 Aldehydes, Ketones and Carboxylic Acids<br>CH: 09 Amines                                                                                                                                                                                                                          |
| <b>BIOLOGY</b>     | CH: 01 Sexual Reproduction in Flowering Plants<br>CH: 02 Human Reproduction<br>CH: 03 Reproductive Health<br>CH: 04 Principles of Inheritance and Variation<br>CH: 05 Molecular Basis of Inheritance<br>CH: 06 Evolution<br>CH: 07 Human Health and Disease<br>CH: 08 Microbes in Human Welfare<br>CH: 09 Biotechnology: Principles and Processes<br>CH: 10 Biotechnology and its Applications                                                                                                                  |
| <b>MATHEMATICS</b> | CH: 01 Relations and Functions<br>CH: 02 Inverse Trigonometric Functions<br>CH: 03 Matrices<br>CH: 04 Determinants<br>CH: 05 Continuity and Differentiability<br>CH: 06 Application of Derivatives<br>CH: 07 Integrals<br>CH: 08 Application of Integrals                                                                                                                                                                                                                                                       |

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|                           | CH: 09 Differential Equations<br>CH: 10 Vector Algebra<br>CH: 12 Linear Programming                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>COMPUTER SCIENCE</b>   | CH: 01 Python Revision Tour-I<br>CH: 02 Python Revision Tour-II<br>CH: 03 Working with Functions<br>CH: 04 Using Python Libraries<br>CH: 05 Data File Handling<br>CH: 06 Basics of Exception Handling<br>CH: 07 Data Structures (only Stack and Stack Operations)<br>CH: 08 Computer Networks-I<br>CH: 09 Computer Networks-II<br>CH: 10 Relational Databases<br>CH: 11 Simple Queries in SQL<br>CH: 12 Table Creation and Data Manipulation Commands<br>CH: 13 Grouping Records, Joins in SQL<br>CH: 14 Interface Python with MySQL |
| <b>PHYSICAL EDUCATION</b> | UNIT 1 Management of Sporting Events<br>UNIT 2 Children and Women in Sports<br>UNIT 3 Yoga as Preventive measure for Lifestyle<br>UNIT 4 Physical Education & Sports for (CWSN)<br>UNIT 5 Sports & Nutrition<br>UNIT 6 Test and Measurement in Sports<br>UNIT 7 Physiology & Injuries in Sport<br>UNIT 8 Biomechanics and Sports<br>UNIT 9 Psychology and Sports<br>UNIT 10 Training in Sports                                                                                                                                       |
| <b>PSYCHOLOGY</b>         | CH: 01 Variations in Psychological Attributes<br>CH: 02 Self and Personality<br>CH: 03 Meeting Life Challenges<br>CH: 04 Psychological Disorders<br>CH: 05 Therapeutic Approaches<br>CH: 06 Attitude and Social Cognition<br>CH: 07 Social Influence and Group Processes                                                                                                                                                                                                                                                             |
| <b>SANSKRIT</b>           | पाठः १ अनुशासनम्<br>पाठः २ मातुराज्ञा गरीयसी<br>पाठः ३ प्रजानुरञ्जको नृपः<br>पाठः ४ दौवारिकस्य निष्ठा<br>पाठः ५ सूक्तिसौरभम्<br>पाठः ६ नैकेनापि समं गता वसुमती<br>पाठः ८ मदालसा<br>पाठः-९ कार्याकार्यव्यवस्थितिः<br>संस्कृतसाहित्यस्य इतिहासः-४,७,९, सन्धिः, प्रत्ययाः, समासः, वाच्य, उपपदविभक्तिः,<br>अपठितगद्यांशः, पत्रलेखनम्, कथापूर्तिः/संवादपूर्तिः, चित्रवर्णनम्/अनुच्छेद                                                                                                                                                     |

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| <b>HINDUSTANI MUSIC - VOCAL</b>                         | Raag Malkauns , Bageshri , Bhairav (Notation, Taan, Aalap)<br>Sangeet Parijaat<br>Taal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>HINDUSTANI MUSIC– MELODIC INSTRUMENTS (GUITAR)</b>   | Life Sketch - Inayat Khan Alaudin Khan and Mushtaq Ali Khan.<br>Detailed Study of Sangeet Ratnakar and Sangeet Parijat<br>Brief study of the following Gamak, Meend, Kan, krintan, Zamzama, Ghaseet, Sut Gram, Murchhana, Alankar, Alap, Tana<br>Tuning of Instruments<br>Time theory of Ragas<br>Taal notation writing Jhaptal and Rupak in Thah, Dugun, Tigun and Chaugun<br>Raag Bhairav. Raag Bageshree and Raag Malkouns detailed study along with Raag identification, Raag parichay, Swar vistaar, Taans and maseetkhani/razakhani Gat notation writing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>DANCE-KATHAK</b>                                     | History of all classical dance.<br>All Definitions<br>9 Rasa, Abhinaya.<br>Notations (all Taal & Toda, Tihai, Paran, Amad)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>HINDUSTANI MUSIC– PERCUSSION INSTRUMENTS (TABLA)</b> | Concept of Uthan With Example in Teental<br>Comparative Study Chautaal – Ektaal, Jhaptal – Sultaal<br>Lay and Laykari, Taal Rupak and Dadra Laggis in Taal Lipi Format<br>History of Tabla and Tabla Gharana<br>Biographies Pt Kishan Maharaj and Ut Zakir Husain, Raja Chhatrapati Singh, Guru Purushottam Das.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>PAINTING</b>                                         | <ul style="list-style-type: none"> <li>• The Rajasthani School:</li> <li>• Origin and Development</li> <li>• Schools-Mewar, Bundi, Jodhpur, Bikaner, Kishangarh and Jaipur</li> <li>• Main features of the Rajasthani School.</li> </ul> <p>Appreciation of the following Rajasthani paintings.</p> <ul style="list-style-type: none"> <li>• The Mughal School</li> <li>• Origin and development</li> <li>• Main features of the Mughal School.</li> <li>• Appreciation of the following Mughal Paintings</li> <li>• The Pahari School:</li> <li>• Origin and development</li> <li>• Sub-Schools-Basohli, Guler, Kangra, Chamba and Garhwal.</li> <li>• Main features of the Pahari School.</li> </ul> <p>Appreciation of the following Pahari paintings</p> <ul style="list-style-type: none"> <li>• Appreciation of the following paintings of the Bengal school:</li> <li>• Journey's End – Abanindranath Tagore</li> <li>• Shiv and Sati- Nandla Bose</li> <li>• Radhika - M.A.R.Chughtai</li> <li>• Meghdoot - Ram Gopal Vijaivargiya</li> <li>• Contribution of Indian artists in the struggle for National Freedom Movement.</li> <li>• The Modern Trends in Indian Art</li> <li>• Appreciation of the following contemporary (Modern) Indian Art.</li> </ul> <p>(i) Rama Vanquishing the Pride of the Ocean –<br/>Raja Ravi Varma</p> <p>(ii) Mother and child – Jamini Roy</p> |

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|                            | <p>(iii) Haldi Grinders - Amrita Sher Gill</p> <p>(iv) Mother Teresa - M.F.Husain</p> <ul style="list-style-type: none"> <li>● National Flag of India and the Symbolic significance of its forms and the colours sculpture.</li> <li>● Introduction to the Bengal School of Painting.</li> <li>● Origin and development of the Bengal School of Painting.</li> <li>● Main features of the Bengal School of Painting.</li> </ul>                                                                                                                                                   |
| <b>ACCOUNTANCY</b>         | <p>CH: 01 Financial Statements of a Company</p> <p>CH: 02 Analysis of Financial Statements</p> <p>CH: 03 Comparative and Common Size Statements</p> <p>CH: 04 Ratio Analysis</p> <p>CH: 05 Cash Flow Statement</p> <p>CH: 06 Fundamentals of Partnership Firms</p> <p>CH: 07 Goodwill</p> <p>CH: 08 Change in Profit &amp; Loss Sharing Ratio</p> <p>CH: 09 Admission of a Partner</p> <p>CH: 10 Retirement of a Partner</p> <p>CH: 11 Death of a Partner</p> <p>CH: 12 Dissolution of Partnership Firm</p> <p>CH: 13 Share Capital Transactions</p>                              |
| <b>BUSINESS STUDIES</b>    | <p>CH: 01 Nature and Significance of Management</p> <p>CH: 02 Principles of Management</p> <p>CH: 03 Business Environment</p> <p>CH: 04 Planning</p> <p>CH: 05 Organising</p> <p>CH: 06 Staffing</p> <p>CH: 07 Directing</p> <p>CH: 08 Controlling</p> <p>CH: 09 Financial Management</p> <p>CH: 10 Financial Markets</p> <p>CH: 11 Marketing Management</p>                                                                                                                                                                                                                      |
| <b>ECONOMICS</b>           | <p><b><u>MACRO ECONOMICS:</u></b></p> <p>UNIT-1: National Income and Related Aggregates</p> <p>UNIT-2: Money and Banking</p> <p>UNIT-3: Determination of Income and Employment</p> <p>UNIT-4: Government Budget and the Economy</p> <p><b><u>INDIAN ECONOMY:</u></b></p> <p>CH: 01 Indian Economy on The Eve of Independency</p> <p>CH: 02 Indian Economy (1950-1990)</p> <p>CH: 03 Economic Reforms Since 1991</p> <p>CH: 04 Human Capital Formation in India</p> <p>CH: 05 Rural Development</p> <p>CH: 06 Employment</p> <p>CH: 07 Environment and Sustainable Development</p> |
| <b>APPLIED MATHEMATICS</b> | <p>CH: 01 Numbers, Quantification and Numerical Applications</p> <p>CH: 02 Numerical Inequalities</p> <p>CH: 03 Matrices</p> <p>CH: 04 Determinants</p> <p>CH: 05 Differentiation</p> <p>CH: 06 Applications of Derivatives</p>                                                                                                                                                                                                                                                                                                                                                   |

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|                              | CH: 07 Integrals<br>CH: 08 Differential Equations<br>CH: 09 Probability<br>CH: 10 Inferential Statistics<br>CH: 14 Linear programming                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>INFORMATICS PRACTICES</b> | CH: 01 Python Pandas I<br>CH: 02 Python Pandas II<br>CH: 03 Plotting with PyPlot<br>CH: 04 Importing/exporting Data between CSV Files/MySQL and Pandas<br>CH: 05 MySQL Revision Tour<br>CH: 06 MySQL Functions<br>CH: 07 Querying Using SQL<br>CH: 08 Joins and set operations<br>CH: 09 Introduction to Computer Networks<br>CH: 10 Introduction to Internet<br>CH: 11 Societal impacts                                                                                                                                                                                                                 |
| <b>HISTORY</b>               | Theme- 1 Bricks, Beads and Bones<br>Theme- 2 Kings, Farmers and Towns<br>Theme- 3 Kinship, Caste and Class<br>Theme- 4 Thinkers, Beliefs and Buildings<br>Theme- 5 Through the eyes of Travellers<br>Theme- 6 Bhakti -Sufi Traditions<br>Theme -7 An Imperial Capital: Vijayanagara<br>Theme- 8 Peasants, Zamindars and the State<br>Theme- 9 Colonialism and The Countryside<br>Theme- 10 Rebels and Raj<br>Theme- 11 Mahatma Gandhi and the National Movement<br>Theme- 12 Framing of the Constitution<br>(HY syllabus weightage -90 % for 8 themes)                                                   |
| <b>POLITICAL SCIENCE</b>     | <b>BOOK-1-CONTEMPORARY WORLD POLITICS</b><br>CH: 01 The End of Bipolarity<br>CH: 02 Contemporary Centres of Power<br>CH: 03 Contemporary South Asia<br>CH: 04 International Organisations<br>CH: 05 Security in the Contemporary World<br>CH: 06 Environment and Natural Resources<br><b>BOOK-2-POLITICS IN INDIA SINCE INDEPENDENCE</b><br>CH: 01 Challenges of Nation Building<br>CH: 02 Era of One Party Dominance<br>CH: 03 Politics of Planned Development<br>CH: 04 India's External Relations<br>CH: 05 Challenges to the Restoration of Congress System<br>CH: 06 The Crisis of Democratic Order |