

DELHI PUBLIC SCHOOL, GANDHINAGAR
SESSION (2024-25)
PRE-BOARD I EXAMINATION SYLLABUS
CLASS-XII

SUBJECT	TOPICS
ENGLISH	<p>Section A- Reading skills Section B- Writing Skills - Notice Writing, Letter to Editor, Job Application, Invitation, Replies, Article writing, Report writing Section C 1. Flamingo: The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo, Poets and Pancakes, The Interview, Going Places Poetry My Mother at Sixty-Six, Keeping Quiet, A Thing of Beauty, A Roadside Stand, Aunt Jennifer's Tigers 2. Vistas: Supplementary Reader The Third Level The Tiger King, Journey to the End of the Earth, The Enemy, On the Face of It, Memories of Childhood-The Cutting of My Long Hair ,We Too are Human Beings</p>
PHYSICS	<p>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 CH 09: Ray Optics CH 10: Wave Optics CH 11: Dual Nature of Light CH 12: Atom CH 13: Nuclei CH 14: Semiconductor Electronics: Materials, Devices and Simple Circuits</p>
CHEMISTRY	<p>CH: 01 Solutions CH: 02 Electrochemistry CH: 03 Chemical Kinetics CH: 04 d & f Block Elements CH: 05 Coordination Compounds CH: 06 Haloalkanes and Haloarenes CH: 07 Alcohols, Phenols and Ethers CH: 08 Aldehydes, Ketones and Carboxylic acid CH: 09 Organic Compounds containing Nitrogen CH: 10 Biomolecules</p>
MATHEMATICS	<p>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 CH: 08 Application of Integrals CH: 09 Differential Equations</p>

	<p>CH: 10 Vector Algebra CH: 11 Introduction to 3D Geometry CH: 12 Linear Programming CH: 13 Probability</p>
BIOLOGY	<p>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 CH 9: Biotechnology: Principles and Processes CH 10: Biotechnology and its Applications CH 11: Organisms and Populations CH 12: Ecosystem CH 13: Biodiversity and Conservation</p>
COMPUTER SCIENCE	<p>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 7: Data Structures: Stacks using Lists CH 8: Computer Networks-I CH 9: Computer Networks-II CH 10: Relational Databases CH 11: Simple Queries in SQL CH 12: Table Creation and Data Manipulation Commands CH 13: Grouping Records, Joins in SQL CH 14: Interface Python with MySQL</p>
PSYCHOLOGY	<p>CH 1: Variations in Psychological Attributes CH 2: Self and Personality CH 3: Meeting Life Challenges CH 4: Psychological Disorders CH 5: Therapeutic Approaches CH 6: Attitude and Social Cognition CH 7: Social Influence and Group Processes</p>
PHYSICAL EDUCATION	<p>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 CH 7: Physiology & Injuries in Sport CH 8: Biomechanics and Sports CH 9: Psychology and Sports CH 10: Training in Sports</p>

ACCOUNTANCY	<p>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 CH: 11 Death of a Partner CH: 12 Dissolution of a Partnership Firm CH: 13 Share Capital Transactions CH: 14 Issue of Debentures</p>
BUSINESS STUDIES	<p>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 CH: 09 Financial Management CH: 10 Financial Markets CH: 11 Marketing CH: 12 Consumer Protection</p>
ECONOMICS	<p>Macroeconomics: CH: 1 National Income and Related Aggregates CH: 3 Money and Banking CH: 4 Determination of Income and Employment CH: 5 Government Budget and the Economy CH: 6 Balance of Payments Indian Economy: CH: 1 Indian Economy on the Eve of Independence. CH: 2 Indian Economy (1950- 1990) CH: 3 Economic Reforms Since 1991 CH: 5 Human Capital Formation in India CH: 6 Rural Development CH: 7 Employment: Growth and Informalisation and other Issues CH: 9 Development Experience of India: A comparison with Neighbours</p>
HISTORY	<p>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 Theme- 9 Colonialism and The Countryside Theme- 10 Rebels and the Raj Theme- 11 Mahatma Gandhi and the Nationalist Movement Theme- 12 Framing of the Constitution</p>

GEOGRAPHY	Book- Fundamental of Human Geography 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 CH: 6 Tertiary and Quaternary Activities CH: 7 Transport, Communication and Trade CH: 8 International Trade Book-India People and Economy 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 CH: 6 Planning and Sustainable Development in Indian Context CH: 7 Transport and Communication CH: 8 International Trade CH: 9 Geographical Perspective on selected Issues Problems
INFORMATICS PRACTICES	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: 6 MySQL Functions CH: 7 Querying Using SQL CH: 8 JOINS and SET Operations (8.1 to 8.2.6) CH: 9 Introduction to Computer Networks CH: 10 Introduction to Internet and Web CH: 11 Societal Impacts
APPLIED MATHEMATICS	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 CH: 8 Differential Equations CH: 9 Probability CH: 12 Perpetuity, Sinking Funds and EMI CH: 13 Return, Growth and Depreciation CH: 14 Linear Programming
SANSKRIT	पाठः १ अनुशासनम् पाठः ३ मातुराज्ञा गरीयसी पाठः ४ प्रजानुरञ्जको नृपः पाठः ५ दौवारिकस्य निष्ठा पाठः ६ सूक्तिसौरभम् पाठः ७ नैकेनापि समं गता वसुमती पाठः ९ मदालसा

	<p>पाठः ११ कार्याकार्यव्यवस्थितिः संस्कृतसाहित्यस्य इतिहासः-४,७,९ सन्धिः, प्रत्ययाः, समासः, उपपदविभक्तिः, अपठितगद्यांशः, पत्रलेखनम्, लघुकथापूर्तिः, वार्तालापे एकपक्षपूरणम्, अनुवादः</p>
MUSIC	<p>Topic 1 - Taal Rupak, Jhaptaal (Single, Dugun, Tigun, Chaugun) Topic 2 - Raag Malkauns (Bada - Chota Khayal) Topic 3 - Raag Bageshree (Chota Khayal) Topic 4 - Life sketch (Faiyaz khan, Bade gulam ali khan, Pandit Krishna rao) Topic 5 - Sangeet Parijaat, Sangeet Ratnakar & Tanpura</p>
GUITAR	<p>Raag Bhairav & Malkauns, Jhaptaal, Rupak Life sketch Mushtaq ali khan, Alauddin Khan Definition: Meend, kan, zamzama, Krintan, Sut, Gram Gamak, Moorchana Historical development of time theory of Ragas Tuning of the instrument</p>
DANCE	<p>History of 8 Indian classical dances. Introduction of abhinaya and its types. Kathak gharana in detail. Rasa: 9 types of rasa Definition: Vandana, Tihaayi, Aamad, Toda/Tukraa, Paran, Chakardar Toda/Tukraa and Paran. Anghara, Bharmari, Natyadharami and Lokadharami, Bhava and Rasa, Gatbhava and Gatnikas. Notation.: Teentaal, Jhaptaal, Dhamartaal, Dadrataal, Kahervataal, Rupaktaal</p>