DELHI PUBLIC SCHOOL GANDHINAGAR
SYLLABUS FOR PRE-BOARD I EXAMINATION (2023-24)
CLASS XII (SCIENCE)

SUBJECT	CHAPTERS
ENGLISH	Reading: Unseen Passages Flamingo: The Last Lesson, Lost Spring, Deep Water, The Rattrap, Keeping Quiet(P), My Mother at 66 (P), A Thing of Beauty (P) , Indigo, Poets and Pancakes, The Interview, Going Places, A Roadside Stand (P) , Aunt Jennifer's Tiger (P) Vistas: The Third Level, The Tiger King , The Enemy, Journey to the End of the Earth, On the Face of It, Memories of Childhood WRITING SKILLS - Notice Writing, Letter to Editor, Article Writing, Invitation, Job Application, Replies to the Invitation, Report Writing (FULL SYLLABUS)
PHYSICS	CH:1 Electric Charge & Electric Field CH:2 Electrostatic Potential & Capacitance CH:3 Current Electricity CH:4 Moving Charges & Magnetism CH:5 Magnetism & Matter CH:6 Electromagnetic Induction CH:7 Alternating Current CH:8 Electromagnetic Waves CH:9 Ray Optics CH:10 Wave Optics CH:11 Dual Nature of Light CH:12 Atom CH:13 Nuclei CH:14 Semiconductor Electronics
CHEMISTRY	CH:1 Solutions CH:2 Electrochemistry CH:3 Chemical Kinetics CH:4 d & f block elements CH:5 Coordination Compounds CH:6 Haloalkanes & Haloarenes CH:7 Alcohols, Phenols & Ethers CH:8 Aldehydes, Ketones & Carboxylic Acids CH:9 Amines CH:10 Biomolecules
BIOLOGY	CH:2 Sexual Reproduction in Flowering plants CH:3 Human Reproduction CH:4 Reproductive Health CH:5 Principles of Inheritance and Variation CH:6 Molecular Basis of Inheritance CH:7 Evolution CH:8 Human health and disease CH:10 Microbes in human welfare CH:11 Biotechnology:Principles and Processes CH:12 Biotechnology and its applications CH:13 Organisms and Populations CH:14 Ecosystem CH:15 Biodiversity and Conservation
MATHEMATICS	CH:1 Relations and Functions CH:2 Inverse Trigonometric Functions CH:3 Matrices CH:4 Determinants CH:5 Continuity and Differentiability CH:6 Applications of derivatives CH:7 Integrals CH:8 Application of Integrals CH:9 Differential Equations CH:10 Vector Algebra CH:11 Three-dimensional geometry CH:12 Linear Programming CH:13 Probability

COMPUTER SCIENCE	CH:1 Python Revision Tour-I CH:2 Python Revision Tour-II Extra Topic: Exception Handling CH:3 Working with Functions CH:4 Using Python Libraries CH:5 File Handling CH:9 Data Structures: Stacks using Lists CH:10 Computer Networks-I CH:11 Computer Networks-II CH:12 Relational Databases CH:13 Simple Queries in SQL CH:14 Table Creation and Data Manipulation Command Ch:15 Grouping Records, Joins in SQL Ch:16 Interface Python with MySQL
PHYSICAL EDUCATION	Unit I: Management of Sporting Events Unit II: Children & Women in Sports Unit III: Yoga as Preventive measure for Lifestyle Disease. Unit IV: Physical Education & Sports for CWSN Unit V: Sports & Nutrition Unit VI: Test and Measurement in Sports. Unit VII: Physiology & Injuries in Sport Unit VIII: Biomechanics and Sports Unit IX: Psychology and Sports Unit X: Training in Sports
PSYCHOLOGY	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