

DELHI PUBLIC SCHOOL GANDHINAGAR
SYLLABUS FOR HALF YEARLY EXAMINATION (2023-24)
CLASS XII (SCIENCE)

SUBJECT	CHAPTERS
ENGLISH	Reading: Unseen Passage Flamingo: The Last Lesson, Lost Spring, Deep Water, Rattrap, Keeping Quiet(P), My Mother at 66 (P), A Thing of Beauty (P) Vistas: The Third Level, The Tiger King, The Enemy, Journey to the End of the Earth WRITING SKILLS- Notice Writing, Letter to Editor, Article Writing, Invitation, Job Application
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
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
BIOLOGY	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
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
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:12 Relational Databases CH:13 Simple Queries in SQL CH:14 Table Creation and Data Manipulation Command (14.1 – 14.4)
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.
PSYCHOLOGY	CH:1 Variations In Psychological Attributes CH:2 Self and Personality CH:3 Meeting Life Challenges CH:4 Psychological Disorders