

DELHI PUBLIC SCHOOL ALIGARH

ANNUAL EXAM 2023-24

SYLLABUS

CLASS - XI

SUBJECT	SYLLABUS
ENGLISH	Section A: Unseen Reading Comprehension (Factual, Descriptive, Literary, Case-based Factual passage) ; Note-making and summary based on a passage ; Section B: Grammar and Writing : Grammar: (gap-filling, editing, transformation, re-ordering of sentences) ; Tenses , Clauses , Determiners, Active- Passive Voice , Writing (Short and Long Writing Task) , • Short Writing Task: Poster, Classified Advertisement ; • Long Writing Task: Speech, Debate ; Section C: Literature Textbook and Supplementary Reading Text ; Hornbill: Prose - 1. The Portrait of a Lady ; 2. We're Not Afraid to Die...If We Can be Together ; 3. Discovering Tut: The Saga Continues ; 4. The Adventure ; 5. Silk Road ; Hornbill: Poems - 1. A Photograph ; 2. The Laburnum Top ; 3. The Voice of the Rain ; 4. Childhood ; 5. Father to Son ; Supplementary Reader: Snapshots - 1. The Summer of the Beautiful White , Horse, 2. The Address, 3. Mother's Day , 4. Birth , 5. The Tale of Melon City ;
PHYSICS	Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power Chapter–7: System of Particles and Rotational Motion Chapter–8: Gravitation Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter Chapter–14: oscillation Chapter–15: Waves
CHEMISTRY	Units- 1.Some Basic Concepts of Chemistry , 2.Structure of Atom , 3.Classification of Elements and Periodicity in Properties , 4.Chemical Bonding and Molecular Structure , 5.Chemical Thermodynamics , 6.Equilibrium. 7.Redox Reactions 8.Organic Chemistry: Some Basic Principles and Techniques 9.Hydrocarbons
BIOLOGY	CH.1- Living world,CH.2-Biological classification,CH.3-Plant kingdom,CH.4-Animal kingdom,CH.5-Morphology of flowering plants, CH.6-Anatomy of flowering plants,CH.7-Structural organisation in animals, CH.8-Cell:The unit of life, CH.10-Cell cycle,CH.13-Photosynthesis in higher plants, CH.14-Respiration in plants,CH.15-Plants growth and development,CH.17-Breathing and exchange of gases, Ch.18-Body fluids and circulation,CH.19-Excretory products and their elimination, CH.20- Locomotion and movement, CH.21-Neural control and coordination,CH.22-Chemical coordination and control.
MATHS	Ch.1 Sets , Ch 2 Relations and Functions. , Ch.3 Trigonometric Functions , Ch. 5 Complex numbers and quadratic equations., Ch.6 Linear inequalities , Ch.7 Permutations and combinations , Ch. 8. Binomial Theorem , Ch.9. Sequence and series. , Ch. 10. Straight lines. , Ch. 11 Conic sections. , Ch. 12. Introduction to three dimensional geometry , Ch.13. Limits and derivatives , Ch.15 Statistics. , Ch.16 Probability .
ACCOUNT	Introduction to Accounting , Basic Accounting Terms, Accounting Concept & Convention, Theory base Accounting., Bases of Accounting, Accounting Equation , Rules of Debit & Credit, Origin of Transactions, Journal, Ledge, Special Purpose Book-I Cash Book, Special Purpose Book-II Other Books, GST, Bank Reconciliation Statement, Trial Balance, Depreciation, Provisions & Reserves, Rectification of Errors, Financial Statement of Sole proprietor-(Without Adjustment), Financial Statement of Sole proprietor-(With Adjustment),
BUSINESS STUDIES	PART - A: FOUNDATION OF BUSINESS : UNIT - 1 : Nature & Purpose of Business , UNIT - 2: Forms of Business Organization , UNIT - 3: Public, Private & Global Enterprises , UNIT - 4: Business Services , UNIT - 5: Emerging modes of Business UNIT – 6: Social Responsibilities of Business & Business Ethics PART - B: FINANCE & TRADE UNIT - 7: Sources of Business FinanceUNIT - 8: Small Business UNIT - 9: Internal Trade UNIT - 10: International Business

ECONOMICS	Part A: Statistics : 1.Meaning & scope, 2.Collection, organisation & presentation of data, 3.Statistical tools:Mean, median & mode, 4.Correlation, 5.Index Number ; Part B: Microeconomics : 1.Introduction, 2.Consumer behaviour & demand, 3.Producer behaviour & supply, 4.Forms of market & price determination.
GEOGRAPHY	BOOK:I FUNDAMETALS OF PHYSICAL GEOGRAPHY CH.1 GEOGRAPHY AS A DISCIPLINE; CH.2 ORIGIN AND EVOLUTION OF THE EARTH; CH.3 INTERIOR OF THE EARTH; CH.4 DISTRIBUTION OF OCEANS AND CONTINENTS; CH.5 GEOMORPHIC PROCESSES; CH.6 LANDFORMS AND THEIR EVOLUTION CH.7 STRUCTURE AND COMPOSITION OF ATMOSPHERE; AND CH.8 WATER IN THE ATMOSPHERE BOOK-II INDIA PHYSICAL ENVIRONMENT CH.1 INDIA LOCATION; CH.2 STRUCTURE AND PHYSIOGRAPHY; CH.3 DRAINAGE; CH.4 CLIMATE; AND CH.5 NATURAL VEGETATION.
HISTORY	1. Writing and city Life 2. Roman Empire 3. Nomadic Empire 4. Three orders 5. Changing Cultural Traditions 6. Displacing Indigenous Peoples 7. Paths to Modernisation.
POLITICAL SCIENCE	1. Constitution: Why and How? 2. Rights in the Indian Constitution 3. Election and Representation 4. Executive 5. Legislature 6. Judiciary 7. Federalism 8. Local governments 9. Freedom 10. Equality 11. Social Justice 12. Rights 13. Citizenship 14. Nationalism 15. Secularism
PHYSICAL EDUCATION	Unit-1 (Changing Trends & Career in Physical Education, Unit-2 (Olympism), Unit-3 (Yoga), Unit-4 (Physical Education & Sports for CWSN), Unit-5 (Physical Fitness, Wellness & Lifestyle), Unit-6 (Test, Measurement & Evaluation), Unit-7 (Fundamental of Anatomy, Physiology in Sports), Unit-8 (Fundamental of Kinesiology & Biomechanics in Sports), Unit-9 (Psychology in Sports), Unit-10(Training & doping in Sports)
COMPUTER SCIENCE	Computer System, Python Fundamental , Data Handling , Flow of control , String Manipulation, List Manipulation, Tuples, Dictionaries, Cyber Safety with Networking , Online Access and Computer Security with MySQL
INFORMATICS PRACTICES	1. Introduction to Computer System, 3. Python Fundamentals, 4. Data Hanling, 5. Flow of Control, 6. List Manipulation, 7. Dictionaries, 8. Database Concepts, 9. Structured Query Language (SQL), 10. Emerging Trends
ENT	Unit 1: Entrepreneurship : Concept & Functions; Unit 2: An Entrepreneur; Unit 3: Entrepreneurial Journey; Unit 4: Entrepreneurship as innovation and Problem Solving; Unit 5: Understanding the market; Unit 6: Business Finance & Arithmetic; Unit 7: Resource Mobilization
DANCE	1.A brief history of Indian Dance 2.Short notes on myths related to-Kaliya Daman, Dashavatar Vastra haran, The concept of Nataraja, Draupadi Cheer haran, Neuni Chura (MakhanChor) , 3. Nritya, Nritya and Natya 4. Matra, Laya, Taal, Avartana, Vibhaga (Anga) 5. Tandava and Lasya 6. Natyadharmi and Lokadharmi 7. Devadasi and Mahari 8. Brief explanation of the five segments of the basic repertoire of Odissi- Mangalacharan, Batu aur Sthayi, Pallavi, Abhinaya, Abhinaya, Moksha/ or any TandavDance.
PAINTING	Introduction to Art ... Unit 1 Pre Historic Rock Paintings and Art of Indus Valley (2500 B.C. to 1500 B.C.) , 2. Pre Historic Rock Paintings , 3. Art of Indus Valley..., Unit 2 Buddhist, Jain and Hindu Art (3rd Century B.C. to 8th Century B.C.), 4. Introduction to Art during Mauryan, Shunga, Kushana and Gupta Period, 5. Introduction to Ajanta , Unit 3 Temple Sculptures, Bronzes and Artistic Aspects of Indo-Islamic Architecture, 6. Indian Temple Sculptures , 7. Indian Bronze , 8. Artistic Aspects of the Indo-Islamic Architecture.....