

DELHI POLICE PUBLIC SCHOOL
ANNUAL EXAM SYLLABUS (2024-25)
CLASS XI

SNO	SUBJECT	TOPIC
1.	ENGLISH	<p>Reading Section: Unseen Passages Note Making & summary Grammar: Integrated Writing: Classified Advertisements Poster Making Speech Writing Debate Writing Literature: HORNBILL (NCERT) 1. The Portrait of a Lady (Prose) 2. A Photograph (Poem) 3. "We're Not Afraid to Die... if we can be together" 4. Discovering Tut: the Saga Continues 5. The Laburnum Top (Poem) 6. The Voice of the Rain (Poem) 7. Childhood (Poem) 8. The Adventure 9. Silk Road (Prose) 10. Father to Son (Poem) SNAPSHOTS (NCERT) 1. The Summer of the Beautiful White Horse (Prose) 2. The Address (Prose) 3. Mother's Day (Play) 4. Birth (Prose) 5. The Tale of Melon City</p>
2.	PHYSICS	<p>Ch 2: Units and Measurements Ch 3: Motion in a Straight line Ch 4: Motion in a Plane Ch 5: Laws Of Motion Ch 6 : Work, Energy and Power Ch 7: System of particles and Rotational Motion Ch 8: Gravitation Ch 9: Mechanical properties of solids Ch 10: Mechanical Properties of Fluids Ch 11: Thermal Properties of Matter Ch 12: Thermodynamics Ch 13: Kinetic Theory Of Gases Ch 14: Oscillations</p>

		Ch 15: Waves
3.	CHEMISTRY	Ch-1 Some basic concepts of Chemistry Ch-2 Structure of Atom Ch-3 Classification of the elements and periodicity in properties Ch-4 Chemical Bonding Ch-5 Thermodynamics Ch-6 Equilibrium Ch-7 Redox reactions Ch-8 Some basic principles and Techniques -Organic Chemistry Ch-9 Hydrocarbons
4.	MATHS	Ch1. Sets Ch2. Relations and Functions Ch3. Trigonometric Functions Ch4. Complex Numbers and Quadratic Equations Ch5. Linear Inequalities Ch6. Permutations and Combinations Ch7. Binomial Theorem Ch8. Sequence and Series Ch9. Straight lines Ch10. Conic Sections Ch11. Three Dimensional Geometry Ch12. Limits and Derivatives Ch13. Statistics Ch14. Probability and Appendix 1 (Infinite series)
5.	BIOLOGY	Unit -I Diversity of Living Organisms Chap - 1 The living world Chap -2 Biological classification Chap -3 Plant Kingdom Chap -4 Animal Kingdom UNIT -II Structural Organisation of Plants and Animals Chap -5 Morphology of Flowering plants Chap -6 Anatomy of Flowering plants Chap -7 Structural Organisation in Animals UNIT -III Cell Structure and Functions Chap -8 Cell : Unit of life Chap -9 Biomolecules (structure of DNA) Chap -10 Cell cycle and cell division

		<p>UNIT -IV Plant Physiology Chap -11 Photosynthesis Chap -12 Respiration</p> <p>UNIT -VI Human Physiology Chap -14 Breathing and exchange if gases Chap -15 Circulation of body fluids Chap -16 Excretory wastes and elimination Chap -17 Locomotion and Movement Chap -18 Neural control and coordination Chap -19 Chemical coordination and integration</p>
6.	ACCOUNTANCY	<p>Unit .1 1. Introduction to Accounting 2. Theory Base of Accounting</p> <p>Unit . 2 3. Source Documents and Accounting Equation 4. Journal and ledger 5. Special Purpose Book 6. Trial Balance 7. Bank Reconciliation Statement 8. Depreciation, Provision and Reserves 9. Rectification of Errors</p> <p>Unit .3 10. Financial Statement of sole proprietor (without Adjustment) 11. Financial Statement (with Adjustment) 12. Accounts from Incomplete records</p>
7.	BUSINESS STUDIES	<p>Ch.1 - Business, Trade and commerce Ch.2- Forms of Business Organisations Ch.3 - Private, Public and Global enterprises Ch.4 - Business services Ch.5 - Emerging modes of Business Ch.6 - Social Responsibility Of Business And Business Ethics Ch.7 - Sources Of Business Finance Ch.8 - Small Business and Entrepreneurship Ch.9 - Internal Trade Ch.10 - International Business</p>
8.	ECONOMICS	Section A: Statistics for Economics

		Unit 1- Introduction Unit 2- Collection, Organisation and Presentation of data Unit 3- Statistical Tools and Interpretation Section B: Introductory Microeconomics Unit 1- Introduction Unit 2- Consumer's Equilibrium and Demand Unit 3- Producer Behaviour and Supply Unit 4- Form of Market and Price Determination in Perfect Competition and Simple Application
9.	INFORMATICS PRACTICES	UNIT-1 INTRODUCTION TO COMPUTER SYSTEM UNIT-2 INTRODUCTION TO PYTHON UNIT-3 DATABASE CONCEPTS AND THE SQL UNIT-4 INTRODUCTION TO EMERGING TRENDS
10.	COMPUTER SCIENCE	UNIT-1 COMPUTER SYSTEM AND ORGANISATION UNIT-2 COMPUTATIONAL THINKING & PROGRAMMING-1 UNIT-3 SOCIETY, LAW AND ETHICS
11.	POLITICAL SCIENCE	PART A: *INDIAN CONSTITUTION AT WORK* 1. Constitution: Why and How? 2. Rights in the Indian constitution 3. Election & Representation 4. Executive 5. Legislature 6. Judiciary 7. Federalism 8. Local Governments 9. Constitution as a Living Document 10. The philosophy of the Constitution PART B: POLITICAL THEORY 1. Political Theory: An Introduction 2. Freedom 3. Equality 4. Social Justice 5. Rights 6. Citizenship 7. Nationalism 8. Secularism

12.	GEOGRAPHY	<p>TextBook:1 Fundamentals of Human Geography</p> <p>Ch: 1. Geography As a Discipline</p> <p>Ch: 3. Interior Of the Earth</p> <p>Ch: 4. Distribution of Oceans And Continents</p> <p>Ch: 5. Geomorphic Processes.</p> <p>Ch: 7. Composition and Structure of Atmosphere.</p> <p>Ch: 8: Solar Radiation, Heat Balance and Temperature.</p> <p>Ch:9. Atmospheric Circulation and Weather System</p> <p>Ch: 10. Water in the Atmosphere.</p> <p>Ch: 12. Water (oceans)</p> <p>Ch.13. Movements of Ocean Water.</p> <p>Ch; 14. Biodiversity and Conservation.</p> <p>Textbook: 2. India: Physical Environment.</p> <p>Ch:1. India: Location.</p> <p>CH:2. Structure and Physiography</p> <p>Ch: 3. Drainage System.</p> <p>Ch: 4 Climate.</p>
13.	HINDI	<ul style="list-style-type: none"> ● अपठित गद्यांश ● अपठित काव्यांश ● अप्रत्याशित विषयों पर लेखन ● पत्र-लेखन ● <u>अभिव्यक्ति और माध्यम</u> ● जनसंचार ● संचार और उसके विभिन्न माध्यम ● डायरी लेखन ● कथा-पटकथा लेखन ● कार्यवृत्त ● स्ववृत्त और रोजगार संबंधी आवेदन पत्र ● शब्दकोश और संदर्भ-ग्रंथ

		<p>साहित्य (आरोह)</p> <ul style="list-style-type: none"> • नमक का दरोगा • मियाँ नसीरुद्दीन • अप्पू के साथ ढाई साल • विदाई संभाषण • गलता लोहा • रजनी • जामुन का पेड़ • भारत माता • हम तो एक-एक करि जाना • मेरे तो गिरिधर गोपाल .. • घर की याद • ग़ज़ल • चंपा काले-काले अच्छर नहीं चीन्हती • हे भूखामत मचल ,मेरे जूही के फूल • सबसे खतरनाक • आओ, मिलकर बचाएँ <p>वितान</p> <ul style="list-style-type: none"> • भारतीय गायिकाओं में बेजोड़-लता मंगेशकर • राजस्थान की रजत बूँदें • आलो-आँधारि
14.	PAINTING	COMPOSITION: Imaginative painting based on subjects from Life and Nature with human in water colours with colour values.
15.	MUSIC	<p>Brief study of the following: Nada, Shurti, Swar, Saptak, Thaata, Jati,laya, Taal. Margi and Desi raga.</p> <p>Brief history of the following: Dhrupad, khayal and Tarana.</p> <p>Brief study of the Musical Elements of Natya shastra.</p> <p>Life sketch of Tansen, Pt. V N Bhatkhande, V D Paluskar.</p> <p>Description of prescribed taalas along with taal notation with thah , dugun and chaugun</p> <p>Teentaal, Ektaal and Chautaal.</p> <p>Knowledge of the structure of Taanpura.</p> <p>Introduction of the following ragas: Bihag ,Bhimpalasi and Bhairavi</p>
16.	PHYSICAL EDUCATION	<p>1) Changing career and trends in physical education</p> <p>2) Olympic Value Education</p> <p>3) Yoga</p> <p>4) Physical Education and sports For</p>

		CWSN 5) Physical Fitness, Health and wellness 6) Test , Measurement and Evaluation 7) Fundamentals of Anatomy and Physiology in sports 8) Fundamentals of Kinesiology and Biomechanics In sports 9) Psychology and sports 10) Training and Doping In Sports
17.	PSYCHOLOGY	Chapter 1: What is Psychology? Chapter 2: Methods of Enquiry in Psychology Chapter 3: Human Development Chapter 4: Sensory, Attentional and Perceptual Processes Chapter 5: Learning Chapter 6: Human Memory Chapter 7: Thinking Chapter 8: Motivation and Emotion