JDS PUBLIC SCHOOL, PANPUR

SYLLABUS FOR Pre-board

SESSION: 2026 – 27

CLASS: 12 Science

SUBJECT	SYLLABUS
English	**1. Flemingo** **(Prose)** 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:** The Third Level The Tiger King Journey to the End of the Earth The Enemy On the Face of It Memories of Childhood **3. All the Writing skill topics** **4. Unseen passages**
Hindi	**अपठित बोध (**गद्य-पद्य**)** **अभिव्यक्ति और माध्यम** पाठ 1-विभिन्न माध्यमों के लिए लेखन पाठ 2- पत्रकार लेखन के विभिन्न रूप और लेखन प्रक्रिया पाठ 3- फीचर व आलेख लेखन पाठ 4- विशेष लेखन स्वरूप और प्रकार पाठ 5- कविता /कहानी/ नाटक की रचना पाठ 6- नए और अप्रत्याशित विषयों पर लेखन **पाठ्य पुस्तक (पद्य)** पाठ 1- देवसेना का गीत पाठ 2- सरोज स्मृति पाठ 5 वसंत आया/तोड़ो पाठ 6- भारत राम का प्रेम/पद पाठ 7- बारहमासा पाठ 8- पद पाठ 9- कवित्त **(गद्य)** - पाठ 1- प्रेमघन की छाया-स्मृति पाठ 2- सुमिरिनी के मनके पाठ 5- (लघु कथाएं-शेर,पहचान, चार हाथ, साझा) पाठ 6- जहां कोई वापसी नहीं पाठ 7- दूसरा देवदास

	पाठ 8- कुटज **अंतराल भाग 2** पाठ 1- सूरदास की झोपड़ी पाठ 2- बिस्कोहर की माटी पाठ 3- अपना मालवा: खाऊ-उजाड़ सभ्यता में
Mathematics	**NCERT BOOK FOR CLASS XII PART-I:** CHAPTER-1: RELATIONS AND FUNCTIONS. CHAPTER-2: INVERSE TRIGONOMETRY FUNCTIONS. CHAPTER-3: MATRICES. CHAPTER-4: DETERMINANTS. CHAPTER-5: CONTINUITY AND DIFFERENTIABILITY. CHAPTER-6: APPLICATION OF DERIVATIVES. **NCERT BOOK FOR CLASS XII PART-II:** CHAPTER-7: INTEGRALS. CHAPTER-8: APPLICATIONS OF INTEGRALS. CHAPTER-9: DIFFERENTIAL EQUATIONS. CHAPTER-10: VECTOR ALGEBRA. CHAPTER-11: THREE DIMENSIONS GEOMETRY. CHAPTER-12: LINEAR PROGRAMM CHAPTER-13: PROBABILITY.
Physics	**NCERT BOOK FOR CLASS XII PART- I:** Chapter-1: Electric Charges And Fields. Chapter-2: Electrostatic Potential And Capacitance. Chapter-3: Current Electricity. Chapter-4: Moving Charges And Magnetism. Chapter-5: Magnetism And Matter. Chapter-6: Electromagnetic Induction. Chapter-7: Alternating Current. Chapter-8: Electromagnetic Waves. **NCERT BOOK FOR CLASS XII PART- II:** Chapter-9: Ray Optics And Optical Instruments. Chapter-10: Wave Optics. Chapter-11: Dual Nature Of Radiation And Matter. Chapter-12: Atoms. Chapter-13: Nuclei. Chapter-14: Semiconductor Electronics: Materials, Devices And Simple Circuits.
Chemistry	Chapter 2: Solutions Chapter 3: Electrochemistry Chapter 4: Chemical Kinetics Chapter 5: The d- and f- block Chapter 6: Coordination Compounds Chapter 7: Haloalkanes and Haloarenes Chapter 8: Alcohols, Phenols and Ethers Chapter 9: Aldehydes, Ketones and Carboxylic acid Chapter 10: Amines Chapter 11: Biomolecules
Biology	Chapter: 1 Sexual reproduction in flowering plants Chapter:2 Human Reproduction Chapter: 3 Reproductive Health Chapter: 4 Principles of inheritance and variation Chapter: 5 Molecular basis of inheritance Chapter: 6 Evolution Chapter: 7 Human health and disease Chapter:8 Microbes in Human welfare Chapter: 9 Biotechnology

	Chapter: 10 Biotechnology and its applications Chapter: 11 Organisms and population Chapter: 12 Ecosystem Chapter: 13 Biodiversity and conservation
Computer	Chapter 1: Python Revision Tour - I Chapter 2: Python Revision Tour - II Chapter 3: Working with functions Chapter 4: Using Functions Defined in Modules Chapter 5: Exception Handling Chapter 6: File Handling Chapter 7: Data Structures Chapter 8: Computer Networks - I Chapter 9: Computer Networks - II Chapter 10: Relational Databases Chapter 11: Simple Queries in SQL Chapter 12:.Table creation and data manipulation Commands Chapter 13: Grouping Records, Joins in SQL Chapter 14: Interface Python With MySQL
Physical Education	Chapter 1: Management in Sports Events Chapter 2: Children and Women in Sports Chapter Chapter 3: Yoga as Preventive measure for lifestyle disease. Chapter 4: Physical Education and Sports for CWSN Chapter 5: Sports and Nutrition Chapter 6: Test & Measurement in Sports Chapter 7: Physiology and Injuries in Sports Chapter 8: Biomechanics and Sports Chapter 9: Psychology & Sports Chapter 10: Training In Sports

