

HALF YEARLY EXAMINATION: 2026-27_SYLLABUS**CLASS: XII (PCM/B)****DATE: 17.08.2026**

SUBJECTS	UNIT /CHAPTER NO. AND NAME
ENGLISH	Reading Skill: 1. Unseen passage (factual, descriptive or literary) 2. One unseen case-based factual passage with verbal/visual inputs Creative Writing Skills: Short Writing Skill: Notice Invitation and Replies Long Writing Skill: Letter to Editor Job Application with Bio Data Article writing Report writing Literature: Flamingo: PROSE L 1- The Last Lesson L 2- The Lost Spring L 3- Deep Water L 4- The Rattrap L 5- Indigo Flamingo: POEM Poem 1 - My Mother at Sixty-Six Poem 3 - Keeping Quiet Poem 4 - A Thing of Beauty Poem 5 - A Roadside Stand Poem 6 - Aunt Jennifer's Tigers Vistas: L1- The Third Level L 2- The Tiger King L-4- The Enemy
MATHEMATICS	1. RELATIONS AND FUNCTIONS 2. INVERSE TRIGONOMETRIC FUNCTIONS 3. MATRIX AND DETERMINANT 4. CONTINUITY AND Differentiability 5. AOD 6. LPP 7. Integration indefinite & Definite
PHYSICS	1. Electrostatics 2. Current Electricity 3. Magnetic effects of current & Magnetism 4. EMI & A.C 5. E.M.Waves
CHEMISTRY	1. Solutions 2. Electrochemistry 3. d and f block elements 4. Coordination Compounds 5. Haloalkanes and Haloarenes

BIOLOGY	1. Principles of Inheritance 2. Molecular inheritance 3. Evolution 4. Sexual reproduction in flowering plants 5. Human reproduction Reproductive health 6. Human Health and diseases
COMPUTER SCIENCE	1. Functions (10 marks) 2. Exception handling (8 marks) 3. File handling (20 marks) 4. Data structures (8 marks) 5. Mysql (12 marks) 6. Python with mysql (12 marks)
ARTIFICIAL INTELLIGENCE	1. Python Programming – II (8 marks) 2. Data Science Methodology: An Analytic Approach to Capstone Project (12 marks) 3. Making Machines See (10 marks) 4. AI with Orange Mining Tool (8 marks) 5. Introduction to Big Data and Data Analytics (12 marks)
DATA SCIENCE	1. Unit I - Data Governance (10 marks) 2. Unit II - Exploratory Data Analysis (10 marks) including univariate and bivariate analysis problems 3. Unit III - Classification algorithm I (10 marks) 4. Unit IV - Classification algorithm II (10 marks) 5. Unit V - Regression algorithm I (10 marks)
BIOTECHNOLOGY	Unit-1 recombinant DNA technology Unit-2 protein structure and engineering Unit-3 genomics, proteomics and bioinformatics
PSYCHOLOGY	CH= Variations in Psychological Attributes CH=Self & Personality CH= Meeting Life Challenges CH=Psychological Disorders (till Bipolar and Related Disorders)
LEGAL STUDIES	Unit 2 - Alternative Dispute Resolution in India (ADR) Unit3 - Topics in Law- I (Business Laws) Chapter 3 (A) - Law of Contract Chapter 3 (B) - Law of Torts Chapter 3 (C) - Law of Property Chapter 3 (D) - Intellectual Property Law Unit 4 - Topics in Law- II (General Laws) Chapter 4 (A) -Law and Sustainable Development Chapter 4 (B)- Forms of Legal Entities Chapter 4 (C) - Criminal Laws in India Unit 6 - Unit 6 International Law
PHYSICAL EDUCATION	Management of Sporting Events Children and Women in Sports Yoga as Preventive measure for Lifestyle Disease Physical Education & sports for CWSN Sports & Nutrition Test and Measurement in Sports Physiology & Injuries in Sports