

**P.S.SENIOR SECONDARY SCHOOL
SYLLABUS FOR QUARTERLY - 2026**

SUBJECT	CLASS XII (SCIENCE GROUP)
ENGLISH	THE LAST LESSON, LOST SPRING, DEEP WATER, THE RAT TRAP, MY MOTHER AT 66, KEEPING QUIET, A THING OF BEAUTY, THE THIRD LEVEL, TIGER KING, JOURNEY TO THE END OF EARTH , NOTICE WRITING, INVITATION & REPLY - ALL TYPES, LETTER TO EDITOR, ARTICLE WRITING.
MATHS	1. Relation and function 2. inverse trigonometry function 3. continuity and differentiability 4. differentiation 5. AOD 6. INTEGRATION ONLY SUBSTITUTION AND SPECIAL 7. MATRIX AND DETERMINANT 8. VECTORS AND 3D 9. LPP
PHYSICS	01. Electric charges and field, 02. Electric potential and capacitance 03. Current electricity, 04. Moving charges and magnetism ,05. Magnetism and matter, 06. EMW, 07. Ray optics optical instruments, 08. Wave optics, 09. Semiconductor
CHEMISTRY	1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4.d and f block elements 5. Coordination Chemistry. 6. Haloalkanes and halo arenes 7. Alcohols, Phenols and Ethers 8. Aldehydes, ketones and Carboxylic acids
BIOLOGY	1.Sexual Reproduction in Flowering plants 2.Human Reproduction 3. Principles of Inheritance 4.Molecular Basis of Inheritance 5.Microbes in Human Welfare 6.Biotechnology -Principles 7.Organisms and Populations
COMPUTER SCIENCE	1. Basics of Python Programming (Class XI portions till String and list) 2. Functions in Python 3. Exception Handling in Python 4. Introduction to Databases and SQL 5. Interface Python with MySQL 6. File handling - text files, binary files and CSV files

INFORMATICS PRACTICES	1. Database concepts and SQL commands(Class XI portions) 2. SQL functions - Single row, multiple row. Group by clause, having clause, order by clause, Cartesian product and joins 3. Introduction to Pandas, creation and manipulation of Series and Dataframe 4. Creating graphs in Python using Matplotlib library with all customizations.
PHYSICAL EDUCATION	UNIT – 1: MANAGEMENT OF SPORTING EVENTS 1. Functions of Sports Events Management 2. Various Committees & Their Responsibilities 3. Fixtures and Their Procedures 4. Intramural & Extramural Tournaments 5. Community Sports Programme UNIT – 2: CHILDREN & WOMEN IN SPORTS 1. Exercise Guidelines of WHO 2. Common Postural Deformities and Their Corrective Measures 3. Women’s Participation in Sports 4. Special Considerations 5. Female Athlete Triad UNIT – 3: YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASES 1. Obesity 2. Diabetes 3. Asthma 4. Hypertension 5. Back Pain and Arthritis UNIT – 4: PHYSICAL EDUCATION AND SPORTS FOR CWSN Children with Special Needs-Divyang 1. Organizations Promoting Disability Sports 2. Concept of Classification and Divisioning in Sports 3. Concept of Inclusion in Sports 4. Advantages of Physical Activities for Children with Special Needs 5. Strategies to Make Physical Activities Accessible for Children with Special Needs