

**P.S.SENIOR SECONDARY SCHOOL
SYLLABUS FOR UT3(SCIENCE GROUP)**

SUBJECT	CLASS XII
ENGLISH	DEEP WATER, KEEPING QUIET, JOURNEY TO THE END OF EARTH, NOTICE WRITING, LETTER TO EDITOR
MATHS	Relation and function, inverse trigonometric fn, continuity and differentiability, differentiation, application of differentiation
PHYSICS	01. Optical instruments 02. Wave optics 03. Moving charges and magnetism
CHEMISTRY	Electrochemistry, Chemical Kinetics, Alcohols and phenols only
BIOLOGY	1.Breathing and Exchange of Gases. 2. Anatomy of Flowering Plants 3. Body Fluids (upto Circulatory pathways)
COMPUTER SCIENCE	SQL - Group by, Having clause and Joins. Python File handling - Text files and binary files
INFORMATICS PRACTICES	Creation of DataFrame using nested list, list of dictionaries, dictionary of series, dictionary of lists, Dataframe manipulation : Adding rows, columns, deleting columns, rows, renaming row and column labels, Accessing and updating values in a dataframe - .loc and .iloc, Updating values in a dataframe, boolean indexing, importing and exporting data from csv files.