



CLASS XII
INFORMATICS PRACTICES (065)

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	SUBJECT ENRICHMENT/ PRACTICAL/ ENGLISH CONVERSATION / VISUAL STIMULUS	LEARNING OBJECTIVE
UT – 1	REVIEWS OF PYTHON CH-1 PYTHON PANDAS-I	REVIEW OF PYTHON	PROGRAM FILE : 6 PYTHON PROGRAMS(IF _ELSE , LOOPING & FUNCTIONS)	1. Understand aggregation operations, descriptive statistics, and re-indexing columns in a Data Frame. 2. Apply functions row-wise and element-wise on a Data Frame. 3. Understand basic software engineering: models, activities, business use-case diagrams, and version control systems. 4. Connect a Python program with a SQL database, and learn aggregation functions in SQL. 5. Have a clear understanding of cyber ethics and cybercrime. Understand the value of technology in societies, gender and disability issues, and the technology behind biometric ids.
TERM 1	CH- 1 PYTHON PANDAS – I CONTINUES	REVIEWS OF PYTHON CH-1 PYTHON PANDAS-I CH- 1 PYTHON PANDAS – I CONTINUES	PROGRAM FILE : PYTHON DATAFRAME OPERATIONS	
UT-II	CH-2 PYTHON PANDAS –II CH-3 PLOTTING WITH PYLOT	CH-2 PYTHON PANDAS -II	PROGRAM FILE : PYTHON DATAFRAME OPERATIONS AND GRAPH PLOTTING	
HALF YEARLY	CH-4 IMPORTING / EXPORTING DATA BETWEEN CSV FILES CH-5 MYSQL REVISION TOUR. CH-6 MYSQL FUNCTION	REVIEWS OF PYTHON CH-1 PYTHON PANDAS-I CH- 1 PYTHON PANDAS – I CONTINUES CH-2 PYTHON PANDAS –II CH-3 PLOTTING WITH PYLOT CH-4 IMPORTING / EXPORTING DATA BETWEEN CSV FILES CH-5 MYSQL REVISION TOUR. CH-6 MYSQL FUNCTION	PROGRAM FILE : 4 MYSQL TABLES COVERING MYSQL COMMAND AND FUNCTIONS	
TERM 2	CH-7 QUERING USING MYSQL CH-8 JOINS OPERATIONS CH-9 INTRODUCTION TO COMPUTER NETWORK CH-10 SOCIAL IMPACT	Total Syllabus covered during the Year	CBSE PROJECT WORK	
PRE BOARD		Total Syllabus covered during the Year		
ANNUAL		Total Syllabus covered during the Year		