

## ST. JOSEPH'S CONVENT HIGH SCHOOL, CBSE – CHITTARANJAN

### Syllabus Details

Session- 2024-25

Subject - I.P 065

Class - XII

For Exam - Unit Test 1

Books Recommended:      1. INFORMATICS PRACTICES (S.Code :-065) Sumita Arora  
   2. N.C.E.R.T I.P Book  
   3. CBSE Study Materials

MONTH	BOOKS / SECTION	LESSON(S) / TOPIC(S)	SUGGESTED ACTIVITIES & PROJECTS
APRIL	INFORMATICS PRACTICES (S.Code :- 065) Sumita Arora	<b>Unit 1: Data Handling using Pandas -I</b> Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Series: Creation of Series from - ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing.	
MAY	INFORMATICS PRACTICES (S.Code :- 065) Sumita Arora	Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames.	