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

Session– 2024-25   Subject – I. P

Class – XII COM   For Exam – Unit
Test 1

Books Recommended: 1.Informatics Practices (Sumita arrora)

2.NCERT INFORMATICS PRACTICES TEXT BOOK

3.CBSE Study Materials

MONTH	BOOKS / SECTION	LESSON(S) / TOPIC(S)	SUGGESTED ACTIVITIES & PROJECTS
APRIL	Informatics Practices (Sumita arrora)	Unit 1: Data Handling using Pandas -I 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. Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display;	
MAY	Informatics Practices (Sumita arrora)	iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels,	