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

Syllabus Details

Session– 2024-25   **Subject – C.S   083**

Class – XII   **For Exam – Unit Test 1**

Books Recommended: **1. Computer Sc With Python (S.Code 083) Sumita Arora**

                                 2. N.C.E.R.T Computer Sc Book

                                 3. CBSE Study Materials

MONTH	BOOKS / SECTION	LESSON(S) / TOPIC(S)	SUGGESTED ACTIVITIES & PROJECTS
APRIL	**Computer Sc With Python (S.Code 083) Sumita Arora**	**Unit 3: Database Management** ● Database concepts: introduction to database concepts and its need ● Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key) ● Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key	

MAY	**Computer Sc With Python (S.Code 083) Sumita Arora**	**Unit 3: Database Management** drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count),	