INFORMATICS PRACTICES SYLLABUS

CLASS XI

CODE NO. 065

2024-2025

EXAM	SYLLABUS
PERIODIC TEST I	**Unit 1: Introduction to Computer System** **Unit 2: Introduction to Python** Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators
TERM I / MID-TERM EXAM	**Unit 1: Introduction to Computer System** **Unit 2: Introduction to Python** • **(Except Dictionary)**
PERIODIC TEST II	**Unit 2: Introduction to Python** • Dictionary **Unit 3: Database concepts and the Structured Query Language** **Database Concepts:** Introduction to database concepts and its need, Database Management System. **Relational data model:** Concept of domain, tuple, relation, candidate key, primary key, alternate key. **Advantages of using Structured Query Language**, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types **Data Definition:** CREATE DATABASE, CREATE TABLE, DROP, ALTER
FINAL TERM EXAM	**Unit 1: Introduction to Computer System** **Unit 2: Introduction to Python** **Unit 3: Database concepts and the Structured Query Language** **Unit 4: Introduction to the Emerging Trends**