DELHI PUBLIC SCHOOL, JAMMU

Session : 2024-2025

SUBJECT: INFORMATICS PRACTICES (065)
Class: XI

OBJECTIVES:

To produce programmers equipped with an understanding of

1. **Ability to Understand the basic of Computer System.**
2. **To understand the Architecture of a system, Operating System, and its importance.**
3. **Attitudes and working practices appropriate use of Basics of Python programming.**
4. **Apply the concept of Data types**
5. **Ability to Debug the Python statements.**

Syllabus Bifurcation

S.no	Month	Name of the Lesson/Topic
1	April	Computer System Organisation, Computer Memory • Assignment/Foundation Worksheet to assess the previous knowledge.
2	May	Computer Software, Getting started with Python • Revision Sheet on the related topic
3	July	Basics of Python Programming , Data types and Debugging • Class Test to be conducted for revision purpose.
4	August	Control Statements, Lists in Python • Performing the Practical Test for the related topic.
5	September	Dictionary in Python • Kahoot Quiz Activity
6	October	Database management System • Assignment/Foundation Worksheet to assess the previous knowledge.
7	November	SQL (Structured Query Language) • Revision Test through Assignments
8	December	Emerging Trends • Kahoot Quiz Activity
9	January	More Examples on using SQL, Lists & Dictionaries in Python
10	February	Revision/Doubt clearing session

EXAM SCHEDULE

Syllabus for Cycle Test-I
- ➢ Computer System Organisation , Computer Memory
- ➢ Computer Software

Syllabus for Half Yearly Examination
- ➢ Computer System Organisation , Computer Memory
- ➢ Computer Software
- ➢ Getting started with Python
- ➢ Basics of Python Programming
- ➢ Data types and Debugging
- ➢ Control Statements, Lists in Python
- ➢

Syllabus for Cycle Test -II
- ➢ Control Statements, Lists in Python
- ➢ Database management System

Syllabus for Final Examination
- ➢ Computer System Organisation , Computer Memory
- ➢ Computer Software
- ➢ Getting started with Python
- ➢ Basics of Python Programming
- ➢ Data types and Debugging
- ➢ Control Statements, Lists in Python
- ➢ Dictionary in Python
- ➢ Database management System
- ➢ SQL
- ➢ Emerging Trends

(SUBJECT COORDINATOR)