

Class - XII Computer Syllabus (2025- 26)				
Month	Chapters	Week Wise	Topics	Remarks
March	Ch - 1 Review of Python Basics	24.03.25 - 28.03.25		
April	Ch - 2 Functions	01.04.25 - 04.04.25	1. Built in Functions	
			2. Math Modules	
			3. Random Modules	
		07.04.25 - 11.04.25	1. User Defined Function	
			2. Types of U.D. Functions	
			3. Types of Arguments	
			4. Passing Mutable and Immutable functions	
			5. Scope of Variables	
			6. Flow of Execution	
			**Recursive Functions	
	Ch - 3 Exception Handling	23.04.25 - 25.04.25	Exception Handling	Only Theory
	Ch - 5 Data Structures in Python	28.04.25 - 30.04.25	1. Data Structures	
			2. Stack	* Practical File: Prog. 20
			3. Queue	*only for Knowledge
May	Ch - 4 Data File Handling	01.05.25 - 02.05.25	1. About files	
			2. Data file Operations	
		05.05.25 - 09.05.25	1. Text File Handling	
			2. Reading, Writing, Appending file	
		12.05.25 - 21.05.25	1. Binary File Handling	
			2. CSV File Handling	
		22.05.25 - 23.05.25	Revision of Files	
June	Holiday Homework		* Assignment: Ch - 1,2,4	
			* Practical File: Prog. 1 to 20	
July	1st term Exam		* Syllabus for 1st term (Ch - 1, 2, 3, 4)	Date Tentative
	Ch - 7 Relational Database and SQL	28.07.25 - 31.04.25	1. Introduction to Database	
			2. DBMS	
			3. Relational Database	
			4. Database Keys	

August	Ch - 7 Relational Database and SQL	01.08.25, 04.08.25 - 08.08.25	1. Introduction to SQL	
			2. Features & Advantages of SQL	
			1. SQL Statements	
			2. SQL Datatypes	
		11.08.25 - 22.08.25	1. All SQL Commands	
			2. Aggregate Functions	
			3. Constraints	* Practical File: Program - 21 (All SQL Commands)
			4. Alter, Update etc.	
	5. SQL Joins			
	Ch - 8 Interface Python with SQL	25.08.25 - 29.08.25	1. Python - MySQL Connectivity	*Project work will be started
			2. Creating Cursor object	
			3. Creating Database	* Practical File: Program - 22 -25 (SQL Connectivity)
			4. Operations on Table	
September	Half Yearly Exam		* Syllabus for Half Yearly (1,2,3,4,5,7,8)	Date Tentative
October	Ch - 6 Computer Networks	01.10.25 - 30.10.25	1. Computer Network	
			2. Data Communication	
			3. Data Transmission	
			4. Communication Terminologies	
			5. Network Devices	
			6. Types of Networks	
			7. Network Topologies	
			8. Communication Media	
			9. Network Protocols	
			10. Web Services	
November		01.11.25 - 30.11.25	Revision for all concepts, Practical File & Project Work	
December			Preboard Exam - 1	
January		01.01.26 - 31.01.26	Practical Exam & Preboard Exam - 2	
* 1 - 20 programs for Practical File will be given H.H.W.				
** Assignments will be given after completing every chapter.				
** Revision test will be conducted accordingly				