

CLASS XII SUBJECT- INFORMATICS PRACTICES(065)

Date	working days	Content	Learning Outcomes/SDG
APRIL 1-15	10	Unit 4: Societal Impacts	apply the concept of function
16-30	12	Unit-4 will be completed in this month	
MAY 1-15	11 8	Unit 2: Database Query using SQL Math functions:Text functions:Date,:Agg Functions: Querying and manipulating data using Group by, Having,Order BY	use Database concepts, SQL
JULY 1-15	12	Unit III: Computer Networks	Retrieve and manipulate data in RDBMS using Structured Query Language
16-31	14	Complete unit III will be covered in this month	
AUG 1-15	11	Unit 1: Data Handling using Pandas -I	access to job opportunities, professional connections, career advice, new ideas, and valuable information.
16-31	12	Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Dataframes	
SEP 1-15	11	Practicals of Half yearly will be conducted Half Yearly Examination	explain and use the concept of file handling.
16-30	12		
OCT 1-15	8	Series,Dataframe creation Importing/Exporting Data between CSV files and Dataframes	use basic data structure: Stacks
16-31	10		
NOV 1-15	11	Data Visualization Purpose of plotting; Customizing plots: adding label, title, and legend in plots.	
16-30	12		
DEC			

1-15 16-31	12 13	Preboard Examination	
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Academic planner-2026-27

Assignment/HW	Teaching Paedgogy/ Mode of Assessment	Interdisciplinary aspect	21st Century Skills
Assignment of case study questions based on impact	All the students will give presentation on the topics given under this UNIT. They will be divided	cyber safety Computer Science	Problem Solving
Assignment of SQL tables from previous year	Students will complete the Individual Task	Data Science MS Access	Problem Solving
Assignment of case study based questions based on Computer networking	presentation will be done by students	Computer Science	Pair Programming
Assignment of Pandas using series command implementation	Installation of pandas Demo of Using How to import all Various videos will	Database software	Design Thinking
	HALF YEARLY		
Assignment of various questions from		Database software Computer Science	Self directed Learning
Assignment of various questions from	Conducting Tests Project discussion	Economics	
	Submission of		

**and Practical files
ASSESSMENT TEST**

