COMPUTER SCIENCE (083)

CLASS XII   **Academic planner-2022-23**

Date	No of working days	Chapter	Demo./Practicals/Teaching Strategies Mode of Assessment
APRIL 1-15	**10**	**Unit-1 Computational Thinking and Programming** **Revision of the basics of Python covered in Class**	**Demo of UDF and practical of UDF in the lab throughout the month. UDF practicaol and theory will be completed in this month**
16-30	**13**	**Functions: scope, parameter passing, functions using libraries:**	
MAY 1-15	**10**	**Unit III: Database Management** **Database Concepts:** **Data Types:** **SQL commands,SQL functions:**	**Demo of MYSQL and various DDL and DML mcommands will be done** **varous questions from previous sample papers in practical**
JULY 1-15	**12**	Concept of domain, relation, tuple, attribute, degree, car Joins: equi-join and natural join primary key, candidate key, alternate key and foreign key:	**Completion of MYSQL practical tables** **Completion of MYSQL practical file.**
16-31	**15**	**Relational data model:** **Unit II: Computer Networks**	
AUG 1-15	**9**	**Unit II: Computer Networks** **Complete unit II will be covered in this month**	**class tests will be conducted** **presentation will be done by students regarding each and every topic of Networking**
16-31	**13**	**Revision of UNIT-2,UNIT -3 for half yearly**	
SEP 1-15	**12**	**Practicals of Half yearly will be conducted**	**Completion of practical file** **HALF YEARLY EXAMINATION**
16-30	**13**	**Half Yearly Ecamination**	
OCT 1-15	**8**	**File handling:Text File:Binary File: CSV File:**	**Practical of File handling topic in lab** **Practical file will be completed**
16-31	**10**	**Using Python libraries:**	**Project discussion**
NOV 1-15	**11**	Data-structures: Lists as covered in Class XI, Stacks – Pusl using a LIST	**Syllabus will be completed** **Conducting Tests**
16-30	**13**	Project (that uses the concepts learnt in Class 11 and 12)	**Project discussion**
DEC 1-15	**12**		**Submission of project** **and Practical files** **ASSESSMENT TEST**
16-31		**Preboard Examination**	
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