

GOVT PG COLLEGE , AMBALA CANTT

DEPARTMENT OF BOTANY

WEEK WISE LESSON PLAN, odd Semester 2020

Name of the Assistant Professor: Poonam Dhiman

Class and Section: **B. Sc. CSc., 4th Semester**, Subject Relational Data Base Management System

Week wise Lesson Plan for the month Jan, 2020

Weeks	Topics
Week 1	Relational Model Concepts, Codd's Rules for Relational model Hierarchical Data Model–Introduction;
Week 2	Features, Components, Example, Network Data Model– Introduction, Features, Components, Example, Differences between Hierarchical Data Model and Network Data Model;
Week 3	Comparison of Relational Data Model with Hierarchical Data Model and Network Data Model;
Week 4	Relational Algebra:-Selection and Projection, Set Operation, Join and Division;
Week 5	Revision and Practice;

Week wise Lesson Plan for the month Feb,2020

Week	Topics
1	Relational Calculus: Tuple Relational Calculus and Domain Relational Calculus;
2	Functional Dependencies and Normalization -- Purpose, Data Redundancy, Update Anomalies;
3	Partial/Fully Functional Dependencies, Transitive Functional Dependencies;
4	Functional Dependencies, Decomposition and Normal Forms (1NF, 2NF, 3NF & BCNF);
5	Revision and Practice;