Class Day	Theory Topics
1st	Purpose of Database System, DS
2nd	Database Management System Vs File system.
3rd	View of Data and Data abstraction. P
4th	Physical level, view level, logical level data abstraction.
5th	Specified users in dbms. Application Programmers.
1st	Database users Specified users.
2nd	Data Definition language (DDL)
3rd	practice statements.
4th	Role of Database Administrator.
5th	practice statements
1st	Data Dictionary
2nd	Data Manipulation language
3rd	Data Independence
4th	Physical data independence, Logical data independence.
5th	Entity Relationship Model, Entity Entity Set. Attribute.

Class Day	Theory Topics
1st	Simple, composite and Derived attribute.
2nd	Relationship entitees.
3rd	Relationship Set.
4th	Mapping Cardinality, One to one.
5th	Mapping Cardinality One to Many, Many to one, Many to Many.
1st	The cardinality remaining.
2nd	Keys in dbms.
3rd	Super Key and it's features.
4th	candidate Key and it's features.
5th	Primary Key and it's features. Propoties of Relation.
1st	Entity - Relationship Diagream.
2nd	Attributes of Entity
3rd	Relational Model.
4th	Networking Model, data structure diagream of the Model.
5th	Hierarchical Model and it's diagram. Relation Algebra.

Class Day	Theory Topics
1st	Structure Query language.
2nd	Different- Statement-of SQL.
3rd	functional dependencies Trivial functional dependency.
4th	Non-trivial functional dependency.
5th	propoties of functional dependency
1st	Lossless Join, Normalization basic Introduction duplicacy.
2nd	Insert anamoly and Deletion anamoly Updatation Anamoly.
3rd	First Normal form. Second Normal form Third Normal form,
4th	Join & it's types
5th	Innerjoin & Outer join, Theta, equi.
1st	Boyce codd Normal form (BCNF) Introduction to SQL
2nd	SQL Process, SQL commands or Queries
3rd	SQL command or Query for create a table.
4th	SQL Query for Update a table.
5th	practice commands.

Class Day	Theory Topics
1st	SQL queries for interction of data into table
2nd	updatation and altercation of data in table.
3rd	Idea about transaction processing
4th	Transaction operations, Transaction states
5th	Desirable properties of transaction, ACID
1st	Atomicity, consistency, Durability, Isolation Explanation.
2nd	schedules, Serial schedule, parallel schedule conflicts.
3rd	Recoverability
4th	concurrency control and Locks.
5th	Livelock, Deadlock in dbms. Lock based protocols.
1st	Dead lock prevention, Deadlock Avoidance.
2nd	Fundamentals of serializability.
3rd	Authorization & Authentication
4th	Role of System Administrator
5th	System control, System maintainance, System monitor

Class Day	Theory Topics
1st	Views, Security constraints in DBMS.
2nd	Encryption Explanation.
3rd	SQL Command Practice.
4th	SQL command Practice
5th	SQL Command Practice.
1st	
2nd	
3rd	
4th	
5th	
1st	
2nd	
3rd	
4th	
5th	