

Lesson Plan

Subject- Fundamentals of Database system

Lesson Plan- 17 Weeks (July – Nov 2019)

Week	Date	BCA (IIIrd Sem) BCA-235
1	16- July-2019	-
	17- July-2019	-
	18- July-2019	Basic Concepts – Data, Information, Records and files
	19- July-2019	Traditional file Based Approach-Limitations of Traditional
	20- July-2019	File Based Approach
	21- July-2019	Sunday
2	22- July-2019	-
	23- July-2019	-
	24- July-2019	-
	25- July-2019	Database Approach-Characteristics of Database Approach
	26- July-2019	Database Management System (DBMS)
	27- July-2019	Components of DBMS Environment
	28- July-2019	Sunday
3	29- July-2019	-
	30- July-2019	-
	31- July-2019	Holiday
	1- Aug- 2019	DBMS Functions, Components
	2- Aug- 2019	Advantages and Disadvantages of DBMS
	3- Aug- 2019	Actors on the Scene
	4- Aug- 2019	Sunday
4	5- Aug- 2019	-
	6- Aug- 2019	-
	7- Aug- 2019	-
	8- Aug- 2019	Data and Database Administrator
	9- Aug- 2019	Database Designers, End User
	10- Aug- 2019	Revision
	11- Aug- 2019	Sunday
5	12- Aug- 2019	Holiday
	13- Aug- 2019	-
	14- Aug- 2019	-
	15- Aug- 2019	Holiday
	16- Aug- 2019	Assignment
	17- Aug- 2019	Applications Developers
	18- Aug- 2019	Sunday
6	19- Aug- 2019	-
	20- Aug- 2019	-
	21- Aug- 2019	-
	22- Aug- 2019	Doubts
	23- Aug- 2019	Workers behind the Scene
	24- Aug- 2019	Three Levels of Architecture
	25- Aug- 2019	Sunday

7	26- Aug- 2019	-
	27- Aug- 2019	-
	28- Aug- 2019	-
	29- Aug- 2019	Three Levels of Architecture
	30- Aug- 2019	Schemas – External, Conceptual and Internal Level
	31- Aug- 2019	Database Languages
	1- Sept- 2019	Sunday
8	2- Sept- 2019	-
	3- Sept- 2019	-
	4- Sept- 2019	-
	5- Sept- 2019	VDL, DDL
	6- Sept- 2019	SDL, DML
	7- Sept- 2019	SQL
	8- Sept- 2019	Sunday
9	9- Sept- 2019	-
	10- Sept- 2019	-
	11- Sept- 2019	-
	12- Sept- 2019	SQL
	13- Sept- 2019	Mappings – External/Conceptual
	14- Sept- 2019	Conceptual/Internal
	15- Sept- 2019	Sunday
10	16- Sept- 2019	-
	17- Sept- 2019	-
	18- Sept- 2019	-
	19- Sept- 2019	Sessional
	20- Sept- 2019	Instances
	21- Sept- 2019	Data Independence
	22- Sept- 2019	Sunday
11	23- Sept- 2019	Holiday
	24- Sept- 2019	-
	25- Sept - 2019	-
	26- Sept - 2019	Logical and Physical Data Independence
	27- Sept - 2019	Data Models: High Level, Low Level and Representational
	28- Sept - 2019	Revision
	29- Sept - 2019	Sunday
12	30- Sept - 2019	-
	1- Oct- 2019	-
	2- Oct- 2019	Holiday
	3- Oct- 2019	Records- based Data Models
	4- Oct- 2019	Object-based Data Models
	5- Oct- 2019	Physical Data Models
	6- Oct- 2019	Sunday
13	7- Oct- 2019	-
	8- Oct- 2019	Holiday
	9- Oct- 2019	-
	10- Oct- 2019	Holiday
	11- Oct- 2019	Doubts
	12- Oct- 2019	Conceptual Models

	13- Oct- 2019	Sunday
14	14- Oct- 2019	-
	15- Oct- 2019	-
	16- Oct- 2019	-
	17- Oct- 2019	Holiday
	18- Oct- 2019	Entity-Relationship Model
	19- Oct- 2019	Concepts, Entity Types, Entity Sets
	20- Oct- 2019	Sunday
15	21- Oct- 2019	-
	22- Oct- 2019	-
	23- Oct- 2019	-
	24- Oct- 2019	Attributes, Relationships
	25- Oct- 2019	Diwali Break
	26- Oct- 2019	
	27- Oct- 2019	
	28- Oct- 2019	
29- Oct- 2019		
16	30- Oct- 2019	Constraints, Keys, Degree, Cardinality etc
	31- Oct- 2019	Diagrams of any Database Organization- Inventory System
	1- Nov- 2019	Holiday
	2- Nov- 2019	Holiday
	3- Nov- 2019	Sunday
	4- Nov- 2019	-
	5- Nov- 2019	-
17	6- Nov- 2019	-
	7- Nov- 2019	Payroll System, Reservation System, Online Book Store etc
	8- Nov- 2019	Discussion over Previous Year papers
	9- Nov- 2019	Revision
	10- Nov- 2019	Sunday