

Lesson Plan

Subject- Fundamentals of DBMS

Lesson Plan- 17 Weeks (July - Oct 2018)

Week	Date	BCA (IIIrd Sem) BCA-235
1	13- July-2018	Basic Concepts – Data, Information, Records and files
	14- July-2018	Traditional file Based Approach-Limitations of Traditional
	15- July-2018	Sunday
2	16- July-2018	-
	17- July-2018	-
	18- July-2018	-
	19- July-2018	File Based Approach
	20- July-2018	Database Approach-Characteristics of Database Approach
	21- July-2018	Database Management System (DBMS)
	22- July-2018	Sunday
	3	23- July-2018
24- July-2018		-
25- July-2018		-
26- July-2018		Components of DBMS Environment
27- July-2018		DBMS Functions, Components
28- July-2018		Advantages and Disadvantages of DBMS
29- July-2018		Sunday
4	30- July-2018	-
	31- July-2018	Holiday
	1- Aug- 2018	-
	2- Aug- 2018	Actors on the Scene
	3- Aug- 2018	Data and Database Administrator
	4- Aug- 2018	Database Designers, End User
	5- Aug- 2018	Sunday
5	6- Aug- 2018	-
	7- Aug- 2018	-
	8- Aug- 2018	-
	9- Aug- 2018	Revision
	10- Aug- 2018	Assignment
	11- Aug- 2018	Applications Developers
	12- Aug- 2018	Sunday
6	13- Aug- 2018	-
	14- Aug- 2018	-
	15- Aug- 2018	-
	16- Aug- 2018	Doubts
	17- Aug- 2018	Workers behind the Scene
	18- Aug- 2018	Three Levels of Architecture
	19- Aug- 2018	Sunday
	20- Aug- 2018	-
	21- Aug- 2018	-

7	22- Aug- 2018	-
	23- Aug- 2018	Three Levels of Architecture
	24- Aug- 2018	Schemas – External, Conceptual and Internal Level
	25- Aug- 2018	Database Languages
	26- Aug- 2018	Sunday
8	27- Aug- 2018	-
	28- Aug- 2018	-
	29- Aug- 2018	-
	30- Aug- 2018	VDL, DDL
	31- Aug- 2018	SDL, DML
	1- Sept- 2018	SQL
	2- Sept- 2018	Sunday
9	3- Sept- 2018	Holiday
	4- Sept- 2018	-
	5- Sept- 2018	-
	6- Sept- 2018	SQL
	7- Sept- 2018	Mappings – External/Conceptual
	8- Sept- 2018	Conceptual/Internal
	9- Sept- 2018	Sunday
10	10- Sept- 2018	-
	11- Sept- 2018	-
	12- Sept- 2018	-
	13- Sept- 2018	Sessional
	14- Sept- 2018	Instances
	15- Sept- 2018	Data Independence
	16- Sept- 2018	Sunday
11	17- Sept- 2018	-
	18- Sept- 2018	-
	19- Sept- 2018	-
	20- Sept- 2018	Logical and Physical Data Independence
	21- Sept- 2018	Data Models: High Level, Low Level and Representational
	22- Sept- 2018	Revision
	23- Sept- 2018	Sunday
12	24- Sept- 2018	-
	25- Sept - 2018	-
	26- Sept - 2018	-
	27- Sept - 2018	Records- based Data Models
	28- Sept - 2018	Object-based Data Models
	29- Sept - 2018	Physical Data Models
	30- Sept - 2018	Sunday
13	1- Oct- 2018	-
	2- Oct- 2018	Holiday
	3- Oct- 2018	-
	4- Oct- 2018	Doubts
	5- Oct- 2018	Conceptual Models
	6- Oct- 2018	Entity-Relationship Model
	7- Oct- 2018	Sunday
	8- Oct- 2018	-

14	9- Oct- 2018	-
	10- Oct- 2018	Holiday
	11- Oct- 2018	Concepts, Entity Types, Entity Sets
	12- Oct- 2018	Attributes, Relationships
	13- Oct- 2018	Constraints, Keys, Degree, Cardinality etc
	14- Oct- 2018	Sunday
15	15- Oct- 2018	-
	16- Oct- 2018	-
	17- Oct- 2018	-
	18- Oct-2018	Diagrams of any Database Organization- Inventory System
	19- Oct- 2018	Payroll System
	20- Oct- 2018	Reservation System, Online Book Store etc
	21- Oct- 2018	Sunday
16	22- Oct- 2018	-
	23- Oct- 2018	-
	24- Oct- 2018	Holiday
	25- Oct- 2018	Revision Test
	26- Oct- 2018	Discussion over Previous Year papers
	27- Oct- 2018	Revision
	28- Oct- 2018	Sunday
17	29- Oct- 2018	-
	30- Oct- 2018	-
	31- Oct- 2018	-