BE (Fifth Semester)

Computer Science Engineering

Database Management System - 322556(22)

2015 - Winter Session , New Scheme

Chapter 1

1	Define schema.	CSVTUonline.com	2
2	Discuss the three levels of architecture in DBMS.		
3	Construct an E-R diagram for a hospital with a set of patients and a set of medic doctors. Associate with each patient a log of various tests and examinations conducted.		
4	What is an attribute? Explai (i) Simple and composite (ii) Single-valued and Mu (iii) Null attributes (iv) Derived attributes		7
		Chapter 2	
1	Define relational model.		2
2	 (i) Find the names of all end (ii) Find the names and of Corporation. (iii) Find the names, street of for First Bank Corporation and earn moderation (iv) Find all employees in the which they work. 	city) city city) city city city city city city city city	7
		CSVTUonline.com	
3	Write short notes on the follo (i) Specialization	owing:	7

Explain with example the various join operators used in relational algebra.

7

(ii) Aggregation

3	How is the cursor helpful in retrieving data from database? Explain the different types of cursor with attributes.	
4	What are the views? Explain the operations that can be performed on views.	
	CSVTUonline.com	
	Chapter 4	
1	Define transitive dependency.	2
2	Define normalization. Explain 3NF and BCNF with example.	
3	Define ACID property.	7
4	What do you mean by transaction? Explain transaction state.	
	Ohantan E	
	Chapter 5 CSVTUonline.com	
1	Define recovery.	2
2	Explain the shadow paging and on line backup technique used for recovery of database.	
3 4	What is ordered indexing? Explain the types of ordered indices. What are the different file organization for relational tables?	