Paper / Subject Code: 40523 / Database Management System SE CCOMP) | SEMITI | R-19 | S18-22 | 14-12-22

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Instructions (1) Q.1 is Compulsory. (2) Solve any three from remaining questions. (3) Draw neat diagrams whenever necessary. Q.1 a) What is data abstraction and data independence. b) Draw Extended E-R diagram for Hospital Management System. Q.2 a) Explain types of joins with suitable example. b) Write SQL expression for the following queries Consider Employee relation (Emp_no, Emp_name, Emp_add, ph_no, emi) List the employee whose employee number is 100. ii) List the Employee whose salary is between 50 K to 1 Lac. iii) List the Employees whose name starts with 'Ami'. iv) Find 2nd highest salary of Employees. Create two views on employee table.	[Marks 80]
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Q.6 Write note on any two	. ,
	(20)
a) ACID properties of transaction with example.	()
b) Transaction state diagram and explain TCL commands	
Types of users in DBMS.	

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Page 1 of 1