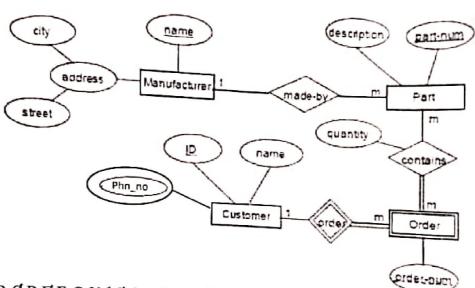
__ CT -0

Write about the advantages and Title: Database Management System	
and the day dillages over convention last	ta
Abstraction. 2.5+2.	5
7. Write some five of each DDI and DM	M Sort
2. Define the keys, i) Candidate key ii) Foreign 1 199 11:	Britan St.
Differentiate between Schema and Instance.	
5. Consider the relation	#**
Student (Student id, name, GPA, Major)	
Scholarship (Stu_ref_id, amount, date)	3
Write an SQL query to fetch the no. of Students for each MAJOR subject in the descend	ding
order.	
ii) Display the details of students who have received scholarships, including their na	mes
scholarship amounts, and scholarship dates.	3
instructor (id, name, dept_name, salary)	2
COL to find the departments that have the highest average salary.	3
	other
Update the salary of histractors with salary of the	12 3p
receive a 5% raise.	Kal
Update the salary of instructors with salary over 80,000/- receive a 3% raise, which are receive a 5% raise. He Am = Fmx - Fm = Fmx + Fmx	/
A A	
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	l

1. Convert the ER diagram into relational schema.

CT -02 Time: 40 min

Course Title: Database Management System



2. Suppose R(A B C D E F G H A F) is relational schema set of functional dependency FDs: AB→C, AD→GH, BD→EF, A→I, H→J Find out the relation R is in 2NF or not? If not decompose it in 2NF.

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