

Name: Ashika

Usn: kalini CS 016

Sem- 6th - A Sec

DBMS ONLINE ASSESSMENT

1) Draw the Schema Diagram and ER Diagram.

Consider the following relations

Student (snum: Integer, sname: String, major: String, ~~disting~~,
level: String, age: Integer)

class (cname: String, meet at: room, room: String,
d: Integer)

Enrolled (snum: Integer, cname: String)

Faculty (fid: Integer, fname: String, dept id: Integer)

→ Schema Diagram

STUDENT

<u>snum</u>	sname	major	level	age
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CLASS

<u>name</u>	meet at	room	d
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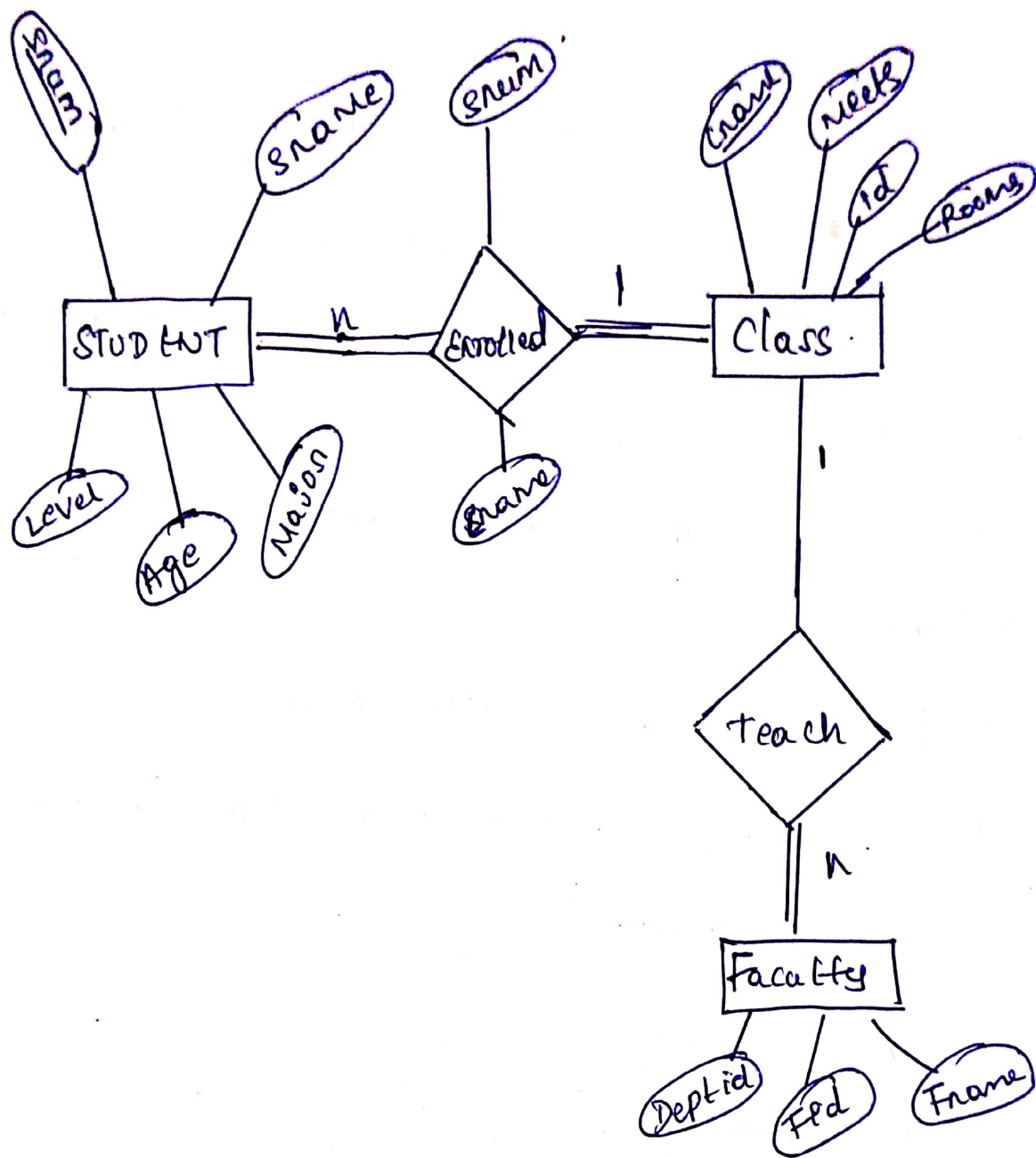
ENROLLED

<u>snum</u>	cname
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FACULTY

<u>fid</u>	fname	dept id
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E-R Diagram



2) Consider the following Database for banking.

Enterprise

BRANCH (branch-name: string, branch-city: string, achen: real)

ACCOUNT (accho: Pnt, branch-name: string, balance: real)

DEPOSITOR (customer-name: string; aceno: Pnt)

CUSTOMER (Custer-name: string, Customer: string, City: string)

LOAN (loan-number: int, branch-name: string, loan-number: int)

BORROWER (customer-name: string, customer-street: string, city: string)

Schema Diagram

BRANCH

<u>branch-name</u>	branch city	assets
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ACCOUNT

<u>accno</u>	branch-name	balance
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DEPOSITOR CUSTOMER

<u>customer-name</u>	customer-street	city
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LOAN

<u>loan-number</u>	branchname	loan-number
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CUSTOMER DEPOSITOR

<u>customer-name</u>	accno
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BORROWER

<u>customer-name</u>	customer-street	city
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E-R Diagram

