Name: MD. ANWAR HOSSAIN

ID: 22101710

Section: 06

Course Code: CSE370

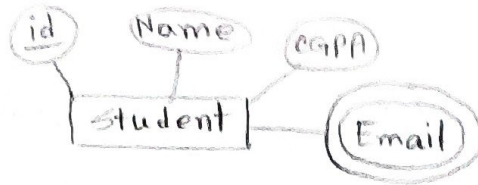**Course Title: Database Systems**

Faculty initial: NNC

Theory Assignment - 01

Ans: 1

id Name CGPA

Student ————— (Email)

Attribute types:
ID - char(4)
Name - varchar(30)
CGPA - decimal(3,2)
Email - varchar(255)

Ans: 2

ABC University EER diagram

id name joining date P. Number

Members

email

code title
course
Faculty
CGPA
Student

n

b.date return.d
due date

borrow

Late fees

Is a sequel to

author
ISBN title
publisher
Books
P.date
edition

1

has copies

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Copy number

date purchased

Book copies

shelf number
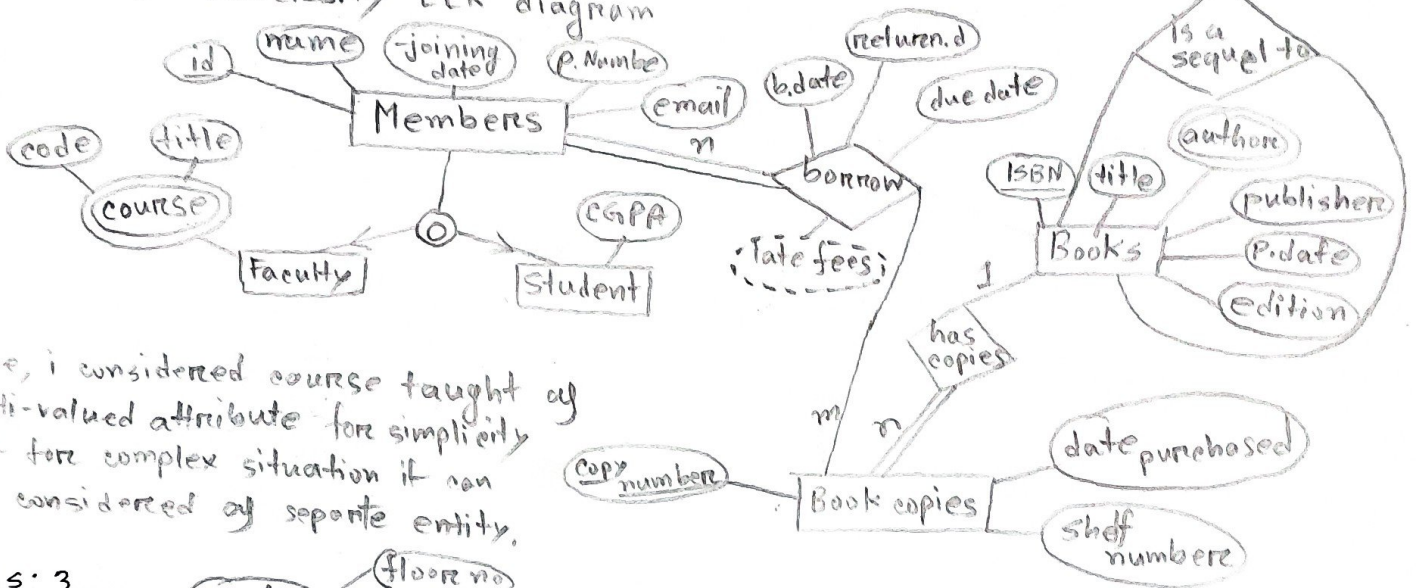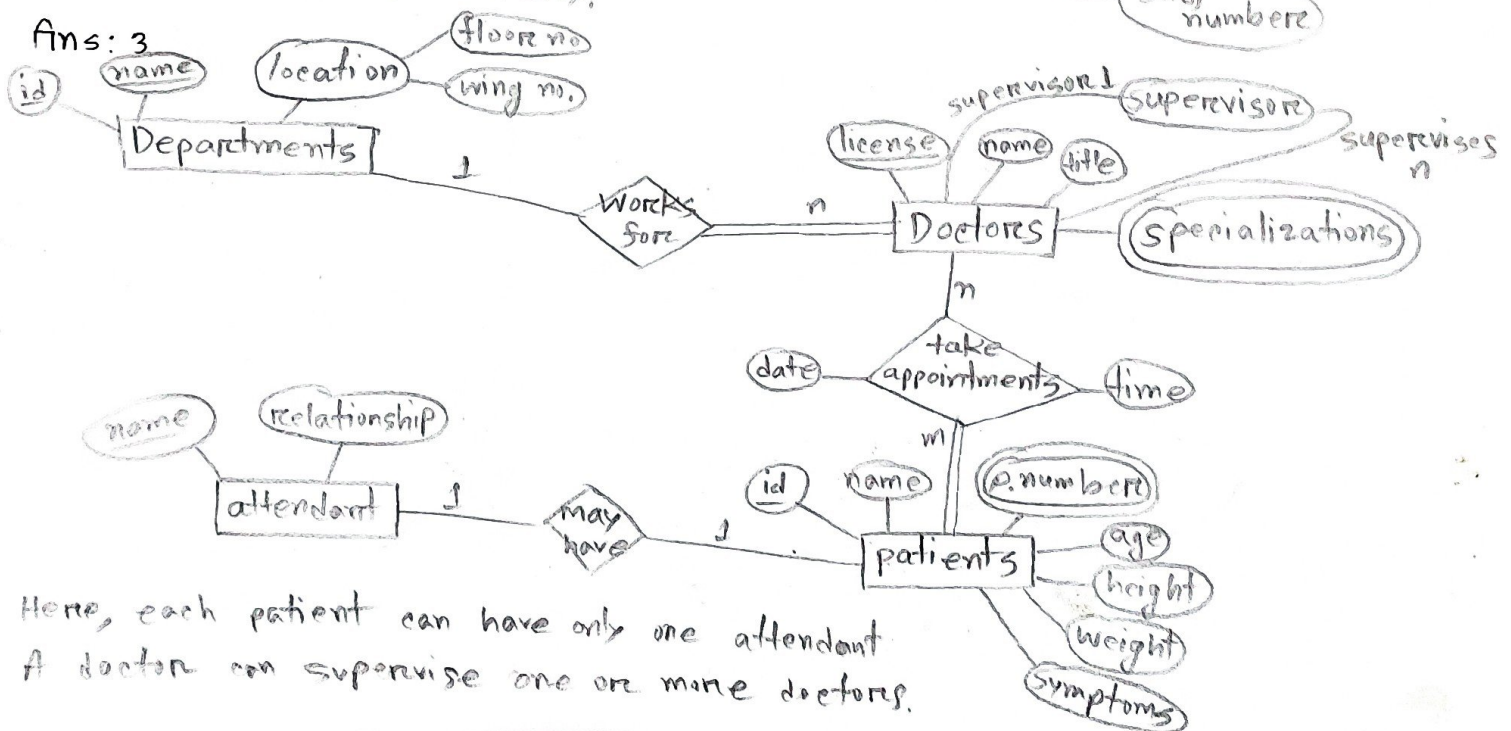
Here, i considered course taught as multi-valued attribute for simplicity, but for complex situation it can be considered as separate entity.

Ans: 3

id name location floor no wing no.

Departments

1

Works for

n

supervisor 1 Supervisor

license name title

supervises n

Doctors

Specializations

n

take appointments

date time

m

attendant

name Relationship

1

may have

1

id name P.number

patients

age
height
weight
symptoms

Here, each patient can have only one attendant. A doctor can supervise one or more doctors.