	Jovial D Almeida
	FYCS '14'
11.	Page
	PRACTICAL 4
	Questions on ER diagram
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	to the second of the first war and the second
1.	construct an E-R diagram for a car
	insurance company whose customers own
	one or more Carr each. Each car has
	associated with it zero to any number
	of recorded accidents.
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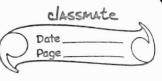
2. Construct an F-R diagram for a hospital with a Set of partients and a Set of medical doctors. Associate with each patient a log of the various tests and examinations conducted. PATIENTS



•	3 A University registrars oblice maintains data about
	the following entities: (a) courses, including number,
1	title, credits, syllabus, and prerequistites;
-	(b) course offerings, including course number, year,
	Semester, Section number, instructor(s), timings,
	and classroom, (c) students, including student-id
	name and program, and (d) instructors, including
	identification number, name, department and title
	The state of the s
	Further, the enrollment of students in courses
	and grades awarded to students in each course
	they are enrolled for must be appropriately modeled.
	Construct on E-D diamon by the registers while.
	Construct an E-R diagram for the registers office.
	Document all assumptions that you make about the
	mapping Constraints.
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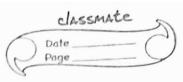
4. Draw the ER diagram for the given sunario To an educational institute, there are Several departments and students belong to one of them Each department has a virgue department number a unique name, a location, a phone number and is headed by a projector. - Professors have a unique employee id name Phone No. we like to keep track of the following détails régarding students name, unique voll Na gender, phono-number, date of birth; age and one or more smail adjustes. Students have a local address consisting of the hostel name and the room prember. They also have home after consisting of house number, street city and pin. It is assumed that all students reside in the hostele A course tought in a Semester of the year in Called a section. There can be several sections of the same course in a semester, there are identified by the Section number Each Section is taught by a different professor and has its own timings and a room to most.

Students enroll for several sections in a semester.

Fach course has a name number of credits and

the department that affers it. A course may
have other courses as pro requisition is a course

to be completed before it can be enrolled in.



	Profesiors also undertake research projects. These
	are sponsored by Junding agencies and have a
	specific start date, and date and amount of
	noney given more than one professor can be
	avolved: in a project. Also a professor may be
	simultaneously working on source projects. A
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