A sample outpatient clinic appointment form is:

Clinic#: 4521

Clinic_Name: Skin Complaints   Clinic_Date: 02/05/98

Consultant Name: A. Boyle   Speciality: Dermatology

Consultant_Phone#: 72451

Patient#	Pat_Name	Pat_Address	Condition	Time	GPName	GPAddress
51623	J. Smith	Belfast	Acne	10.00	B.Wilson	Belfast
61725	G. Pogue	Larne	Psoriasis	10.15	T. Kelly	Ballyclare
45126	M. O'Kane	Moira	Acne	10.30	N. Vance	Lisburn
35612	F. Dwyer	Belfast	Alopecia	10.45	K. Lennon	Belfast
35923	S. Hughes	Belfast	Dermatitis	11.00	P. Green	Belfast

Total Number of Patients = 6

(a) State the normalisation rules for first, second and third normal forms

(6 marks)

(b) Represent the above form as a relational scheme and normalise to third normal form using dependency diagrams to justify decompositions.

(14 marks)