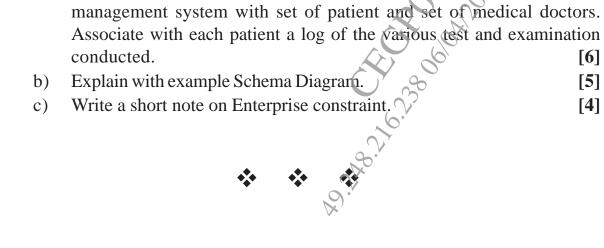
Total No	o. of Questions : 4] SEAT No .
	SEAT NO.
PA-49	981 [Total No. of Pages : 1 [6008]-233
	<u>-</u>
	S.E. (Information Technology) (In Sem)
DATABASE MANAGEMENT SYSTEM	
(2019 Pattern) (Semester-II) (214452)	
Time: 1	Hour] [Max. Marks : 30
Instructi	ions to the candidates.
1)	Answer Q.1 or Q.2, Q.3 or Q.4.
2)	Neat Diagrams must be drawn wherever necessary.
3)	Figures to the right indicates full marks.
<i>4</i> )	Assume Suitable data if necessary.
<b>Q1</b> ) a)	Define: Super key, candidate key, primary key, secondary key, foreign key.
	[5]
b)	Differentiate between logical data independence and physical data
	independence. [5]
c)	Explain various function of each types of database user. [5]
	QR OV
<b>Q2</b> ) a)	Draw, list and explain different component of database system architecture.
	$\mathcal{O}' \mathcal{O}' $ [7]
b)	Write note on: [8]
	i) Data Abstraction
	ii) Data Modeling
<b>Q3</b> ) a)	List and explain (Any 5) codd's Rule. [6]
b)	What are the different type of Attributes? [4]
c)	Write a note on converting ER diagrams into tables. [5]
	OR
<b>Q4</b> ) a)	List E-R diagram symbol & draw an E-R diagram for hospital



[5]

**[4]** c)

