

1

Name

Muhammad Us Rehman

ID #

15031

Data Base

Q1

Ans 1

Candidate keys

In the given table, ID, Name and cell are candidate keys.

Ans 2

Data Redundancy is the repetition

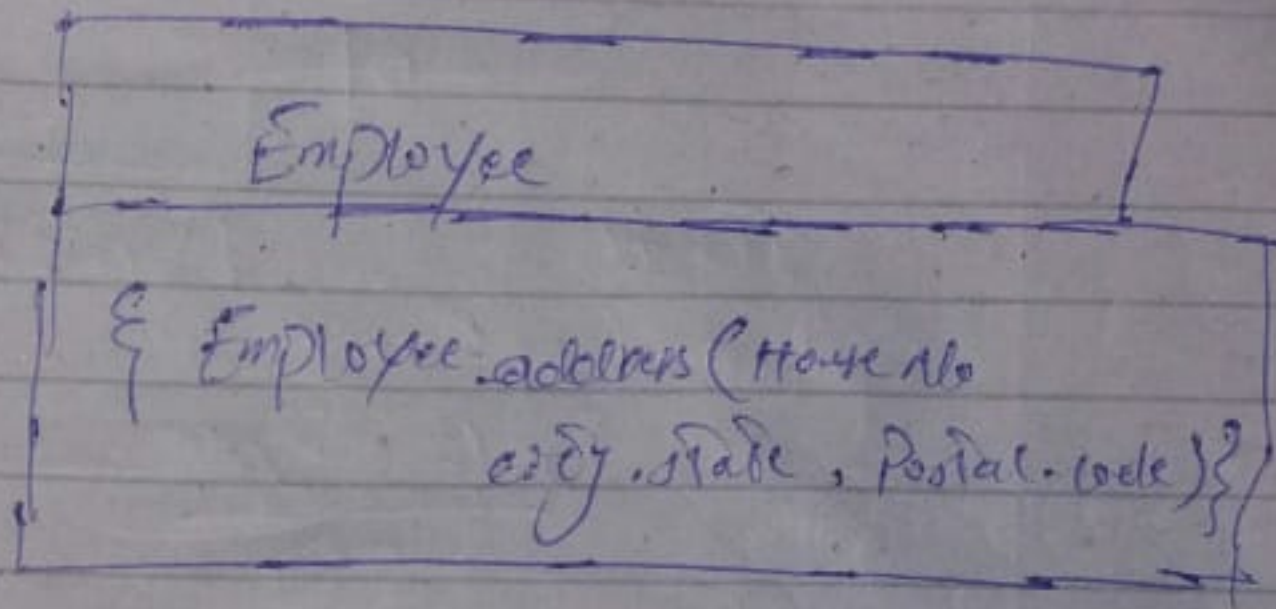
Data redundancy is the superfluous or excess of data

Data Integrity is the accuracy and consistency of data stored in a database data warehouse data mart or other construct

2

Ans (3)

Multi valued composite attribute in conceptual Models.



Multivalued composite attribute

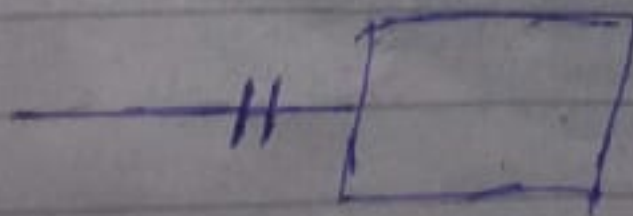
Ans (4)

Reduced Maintenance or Maintenance in database have little or no effect on the database application. Thus reducing the maintenance costs.

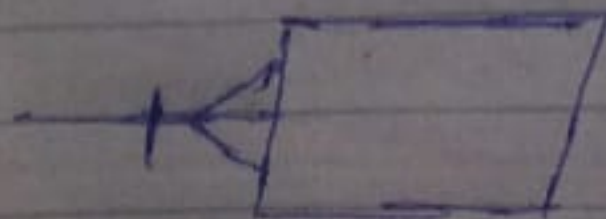
Ans (5)

ER diagrams for

Mandatory one



Mandatory many to

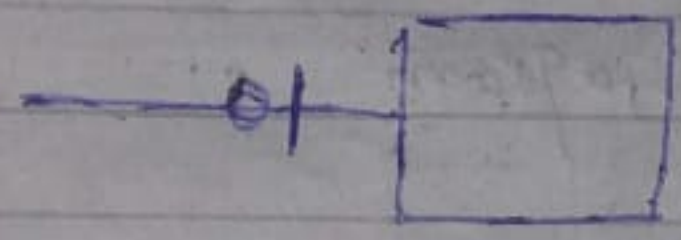


3

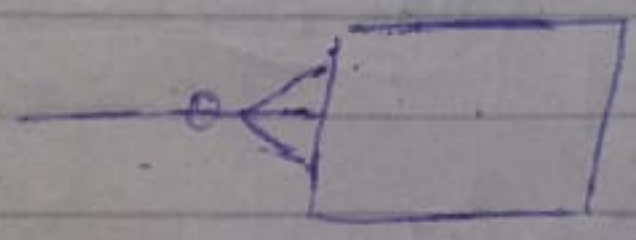
Samuel as Retmas

15031

Optional one or



Optional Many or



Ans 6

Need of Backup or

Because for a centralized shared data base to be accurate and available all times comprehensive procedure is required to be developed and used for providing backup copies of data and for restoring a data base when damage occurs.

Q2

Ans

ERD Diagram

