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Subject Data ware housing

QUESTION.NO.1

The architecture of dataware housing include following layers.

- 1) Data source layer
- 2) Data staging layer
- 3) Data storage layer
- 4) Data presentation layer

1) DATA SOURCE LAYER:

In this layer different types of data is collected and the data is in original form. Product data ,marketing data, survey data etc. are included in this layer.

2) DATA STAGGING LAYER:

After collecting the data from different source the different technique are used on that data for collecting the sue data from it.

3) DATA STORAGE LAYER:

After collecting the useful data, the data is store.it depends on the architecture of data,either your data is store in data mart ,dataware, ODC and many other type.

4) DATA PRESENTATION LAYER

In this layer the data is present for user organized.Here user apply queries and different methods on them.

QUESTION.NO.2

STAR SCHEMA:

It is a technique or map or structure of dataware housing jyst like in star shap.

In this we have three things.

FACT

DIMENSION

MEASURES

HAIDER

Vechical id	Company id	Po_id
101	1	90
102	2	91
102	3	92

Prevoius_owner

PO_ID	PO_NAME	PO_LOC	PO_NUM	PO_QUALIFICATION
21	Xyz	Karachi	033-xxxxxx	Ba
22	Abc	Lahore	033-xxxxxx	MSC
23	Jkl	Peshawar	033-xxxxxx	CS

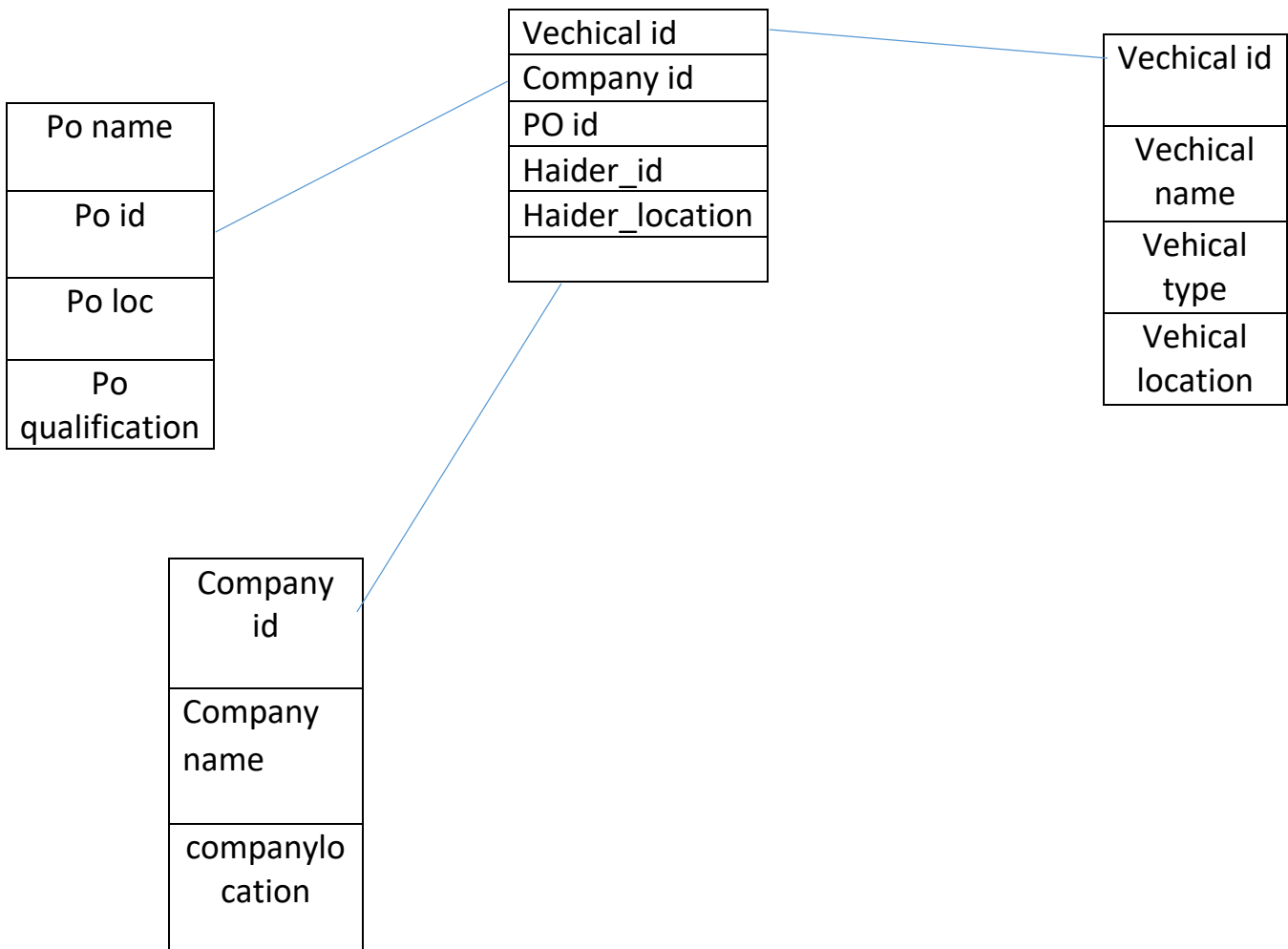
Vehical

Vehical_id	Vehical name	Vehical type	Vehical location
111	Bmw	Suv	America
123	Audi	4x4	London
124	Mercedese	Car	america

Company

Company id	Company name	Company location	Company number
01	BMW	America	0951627
02	Audi	London	09142566
03	Mercedexse	America	28e167

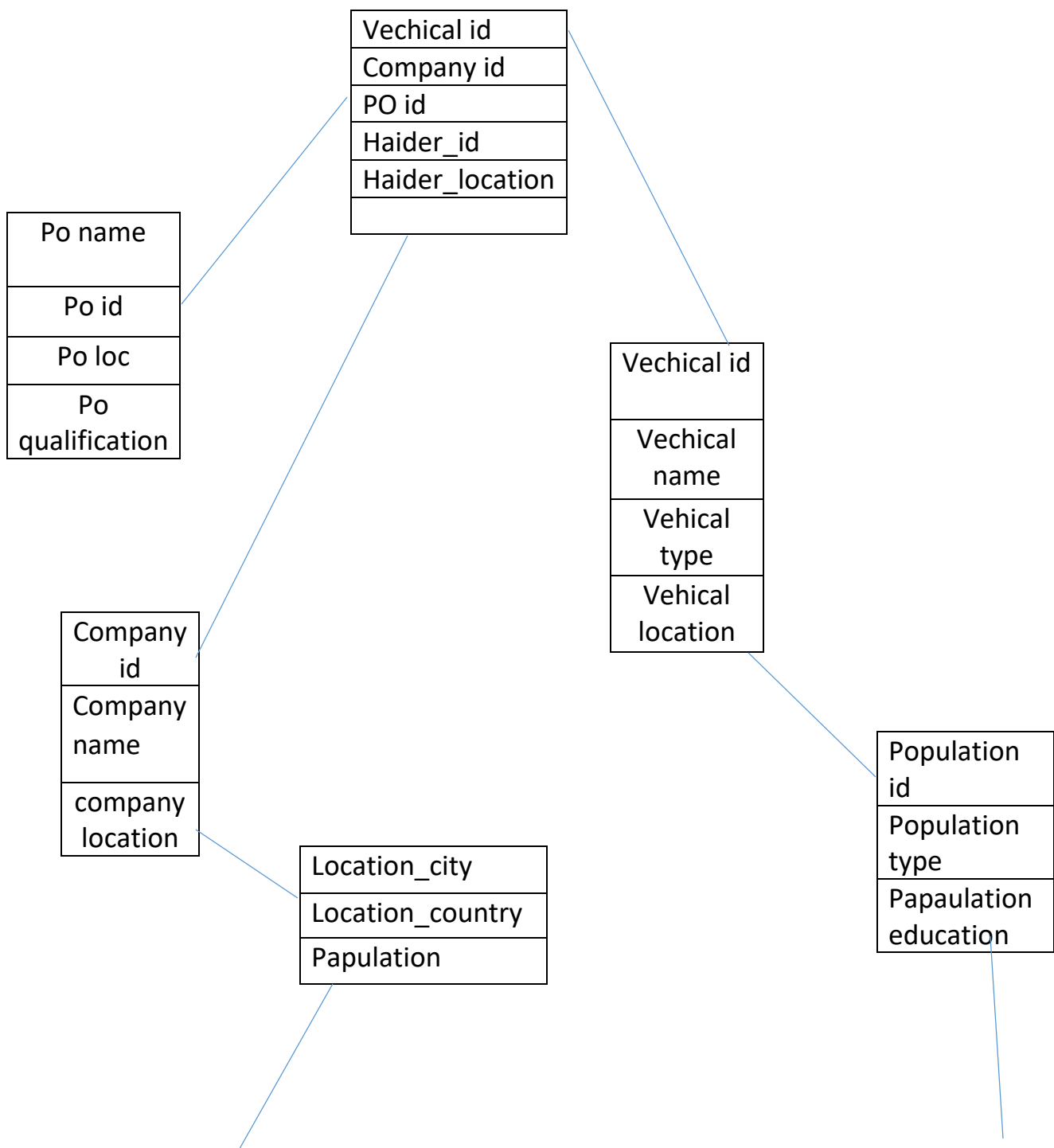
The vehical and company and previous owner are dimension. The dimension id is present in haider table.



Qustion no.3

Snow flake Schema :

Snow flake schema is same as like star schema.but in snow flake schema the more detail is given to us.As we see above table.



Population id
Population type
Papulation education

Education type
Education university
CPA
Staus