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Q1. 1) True, This is because a primary key is used to identify rows uniquely in a table.

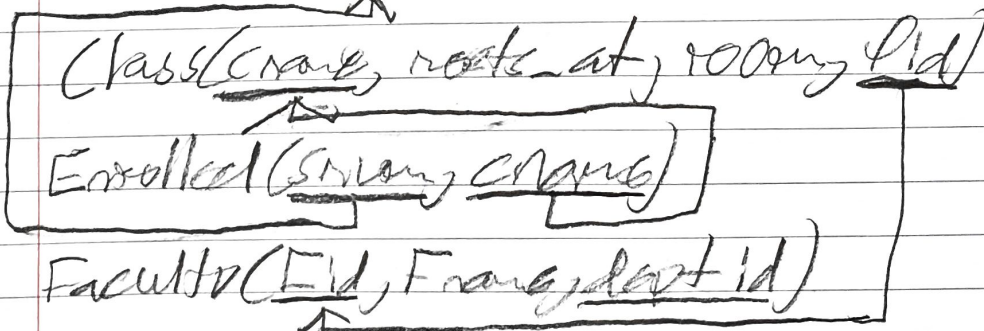
2) False, A foreign key is not used to uniquely identify rows. It simply requires that the value of a field exists in a different table.

3) False. Any key is a superkey, but not vice versa.

4) False. According to Boyce and Cheney it would be the FK from class

5) False. The Participation Constraint is used to find the minimum.

Q2. Student(sid, sname, major, level, age)



03. 1) Select S.Sname  
From Student S, Class C, Faculty F, Enrolled E  
Where S.Sname = E.Sname and E.Class = Cname  
and C.Fid = F.Fid and Fname = 'Victor Aon'  
and level = TR;

2) Select C.Cname  
From Class C, Enrolled E  
Where C.Cname = 'RVR 201011' and (Select C.Fid  
From Enrolled E  
Where E.Cname = C.Cname  
) >= 10;

3) Select E.Fname  
From Faculty F  
Where F.Fid Not in (Select C.Fid,  
From Class C);

4) Select S.Sname, AVG(G. age)  
From Student S  
Where Exists (Select P.Sname  
From Student P  
Where P.Sname = S.Sname)  
except (Select A.Sname  
From Student A  
Where A.Sname = TR);

Contd

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23. 5) select F. Frame, Cant (A)  
Frame



Q4. 1)

did	drop
0003	Electrical Engineering
0004	Electrical Engineering

Acts as department He and never was it, not repeated in department.

2)

Start	GPA	did
End	2.8	Electrical Engineering

Acts as student name, GPA, department as student with the lowest GPA!

Q5. 1) Delete Flight  
 Set Price = 1.03  
 Was to city = "California (CA)"

2) Delete from Flight  
 Was from city = "Colorado, CO" and  
 to city = "San Jose, CA" or to city = "Los Angeles, CA"