作业2答题纸

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题目	1	2	3	4	5	6	7	8	9	10	总分
得分											

1. (a) ___B___　(b) ___AB___　(c) ___A___　(d) ___ABD___　(e) ___AD___

2.

```
a)
select model from PC EXCEPT
select P1.model from PC as P1 join PC as P2 on P1.model!=P2.model
where P1.price <= P2.price;
b)
select P1.model from PC as P1 left join PC as P2 on P1.price<P2.price
where P2.price is null;
c)
select model from PC
where price in (select max(price) from PC);
d)
select model from PC
where price = (select max(price) from PC);
e)
select model from pc
where price>= ALL (select price from PC)
f)
select model from pc as p1
where not exists(select * from pc as p2 where p1.price<p2.price);
```

3.

```
a)
with p as
(select distinct p1.maker,p2.type from Product as p1 join printer as p2 using(model))
select p.maker from p group by p.maker having count(*)=2;
b)
with p as (select distinct p1.maker,p2.type from Product as p1 join Printer as p2 using(model)),
p_join as(select p3.maker as maker,p3.type as t1,p4.type as t2 from p as p3 join p as p4 on p3.maker=p4.maker)
select distinct maker from p_join
where exists(
 select * from p_join
 where p_join.t1!=p_join.t2
 );
```

4.

```
a)
update Product as p,PC as pc
SET pc.price=1.1*pc.price
where pc.model=p.model and p.maker='A';
b)
update Product as p,PC as pc
SET pc.price=1.1*pc.price
where pc.model=p.model and p.maker='A';
```