

# 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 PC.model except select PC1.model from PC as PC1 join PC as PC2 on (PC1.speed < PC2.speed);
- (b) select PC1.model from PC as PC1 left outer join PC as PC2 on (PC1.speed < PC2.speed) where PC2.model is null;
- (c) select model from PC where speed in (select max(speed) from PC);
- (d) select model from PC where speed = (select max(speed) from PC);
- (e) select model from PC where speed >= (select max(speed) from PC);
- (f) select model from PC as PC1 where not exists (select \* from PC as PC2 where PC2.speed > PC1.speed);

3.

- (a) with P1 as (select maker, count(distinct Printer.type) from Product join Printer using(model) group by maker having count(distinct Printer.type) >= 2) select maker from P1;
- (b) select maker from product as P1 where exists (select \* from Printer as P2 where P1.model = P2.model and P2.type = 'ink-jet') INTERSECT select maker from product as P3 where exists (select \* from Printer as P4 where P3.model = P4.model and P4.type = 'laser');

4.

- (a) update PC set price = price + price \* 0.10 where model = any (select model from Product where ~~maker = 'A'~~ maker = 'A');
- (b) update PC set price = price + price \* 0.10 where model in (select model from Product where maker = 'A');