Q1 –

select city from locations where location\_id in (select location\_id from locations minus select location\_id from warehouses) order by 1

Q2 –

select p.category\_id, cast(pc.category\_name as char(20)) as "Category Name", COUNT(p.product\_id) as "Product IDs" FROM products p, product\_categories pc where p.category\_id = pc.category\_id and pc.category\_id = 1 group by p.category\_id, pc.category\_name union all select p.category\_id, cast(pc.category\_name as char(20)), count(p.product\_id) from products p, product\_categories pc where p.category\_id = pc.category\_id and pc.category\_id = 2 group by p.category\_id, pc.category\_name union all select p.category\_id, cast(pc.category\_name as char(20)), count(p.product\_id) from products p, product\_categories pc where p.category\_id = pc.category\_id and pc.category\_id = 5 group by p.category\_id, pc.category\_name

Q3 –

select product\_id from inventories where quantity < 5

NOTE: This question is not as intended

Q4 –

select cast(warehouse\_name as char(25)) "Warehouse", cast(state as char(25)) "State" from warehouses w, locations l where w.location\_id = l.location\_id union (select NULL, state from locations where location\_id in (select location\_id from locations minus select location\_id from warehouses)) order by 1, 2