

## Question 4

### Possible FD's with Falsifications Examples

(1,2) Means row 1 and row 2 Have same LHS(Determinant) but different RHS.

(3,4) Means row 3 and row4 have same LHS (Determinant) but different RHS.

| FD                                 | Falsifications |
|------------------------------------|----------------|
| <i>OrdNo</i> → <i>ItemNo</i>       | (1,2), (3,4)   |
| <i>OrdNo</i> → <i>QtyOrd</i>       | (3,4)          |
| <i>OrdNo</i> → <i>CustNo</i>       | None           |
| <i>OrdNo</i> → <i>CustBal</i>      | None           |
| <i>OrdNo</i> → <i>CustDisc</i>     | None           |
| <i>OrdNo</i> →<br><i>ItemPrice</i> | (1,2),(3,4)    |
| <i>OrdNo</i> → <i>OrdDate</i>      | None           |