

# Chemistry

## Volume 2 (unit8) 2&3marks

1. State law of mass action.
2. State dynamic nature of equilibrium.
3. what is reaction quotient.
4. State le-chatlier principle. (5marks)
5. Derive equilibrium constants for  $K_p$  and  $K_c$ .
6. Relation between  $K_p$  and  $K_c$ .
7. Dissociation of  $PCl_5$ .
8. Synthesis of ammonia.
9. Derive Vant Hoff equation.