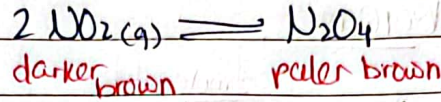


the  $\text{I}_2$  molecules become closer to each other, so the color seems to be darker.

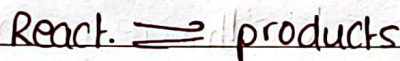
Q. Sealed tube contains mixture of  $\text{NO}_2$  (g) and  $\text{N}_2\text{O}_4$  (g) at equilibrium?



by increasing the pressure, the color of mixture:-

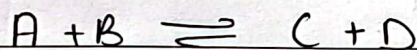
- a) becomes paler then gas darker.
- (b) " " darker " " paler
- c) " " paler and stays paler.
- d) " " darker " " darker.

### ③ Concentration



↑ Reactant  
↓ Product } shift forward

↓ Reactant  
↑ Product } shift backward.



↑ [A]	shift forward	↓ B	↑ C	↑ D
↓ [B]	" backwards	↑ A	↓ C	↓ D
↑ [C]	" "	↑ A	↑ B	↓ D

### Indicator:-

we may change

