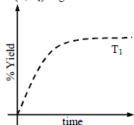
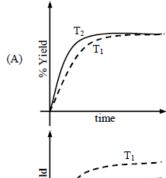
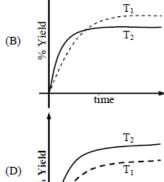
$$N_{2}(g) + 3H_{2}(g) \Longrightarrow 2NH_{3}(g), \Delta H < 0$$

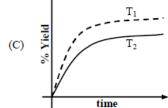
at (P, T1) is given below:

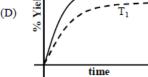


If this reaction is conducted at (P, T_2), with $T_2 \geq T_1$, the % yield of ammonia as a function of time is represented by









(B)

However, at higher temperature the initial rate of forward reaction would be greater than at lower temperature that is why the percentage yield of NH₃ too would be more initially.