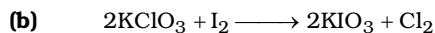
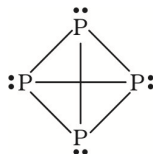


Cl_2 lies above I_2 in electrochemical series so Cl_2 is more powerful oxidising agent than I_2 .
Thus Cl_2 can displace I^- to form I_2 .



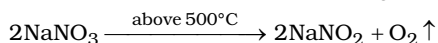
85.(ACD)

In P_4 (white phosphorus), the four atoms are situated at the corners of a tetrahedron. There are six P – P single bonds with P – P – P bond angle of 60° . Each P has a lone pair of electrons.

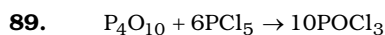
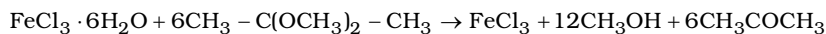
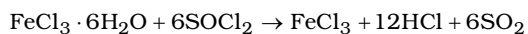
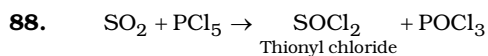
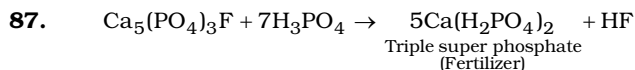
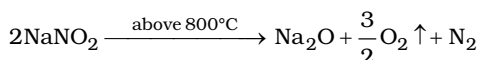


86.(ABD)

When heated above 500°C , NaNO_3 decomposes to give NaNO_2 and oxygen.



On further heating to above 800° , NaNO_2 further decomposes to give Na_2O , N_2 and O_2 .



90.(C) F has slightly less electron affinity than chlorine because F has very small atomic size (only two shells). Hence there is a tendency of electron-electron repulsion, which result in less evolution of energy in the formation of F^- ion. Assertion is correct but reason incorrect.