

(CO)3Co(µ-(

estion Thr ee

State two factors that favour disproportion

- ample of disproportionation
- Give the products or reactants or conditio (2 marks) marks)

following chemical reactions: (10 marks) where possible)

Pm(s) ⁷20₅(s) $N_2(g)$ OH-(aq)

Co₂(C **%**

acid ligands.

2

Predict and hich of the bond

Cr(CO)₆

estion Four

- Define the following terms in organocher illustrate.
- Oxidative addition reaction
- Hydride elimination reaction

Sho hydroformylation process. how (CH₃)₂CHCH₂CHO can

heat, h