

<ul style="list-style-type: none">• Explain the following terms or concepts.	Marks 3
a) Lewis base A Lewis base is a species that donates an electron pair.	
b) Le Châtelier's principle When a chemical system in a state of equilibrium is disturbed, it reattains equilibrium by undergoing a net reaction that reduces the effect of the disturbance.	
c) Heterogeneous catalysis The acceleration of a reaction by the addition of a substance (the catalyst) which is in a different phase state from the reactants. Typically the catalyst is a solid which interacts with liquid or gaseous reactants and products. The solid's surface provides a different reaction pathway and increases the rate at which the reaction attains equilibrium.	