0 8 . 1	A co-ordinate bond is formed when a transition metal ion reacts with a ligand.	
	Explain how this co-ordinate bond is formed. [2 n	narks]
0 8 . 2	to excess, to an aqueous solution containing copper(II) ions. Write equations for the reactions that occur.	vise,
		narks]

0 8	. 3	When the complex ion $[Cu(NH_3)_4(H_2O)_2]^{2^+}$ reacts with 1,2-diaminoethane, the ammonia molecules but not the water molecules are replaced.  Write an equation for this reaction.  [1 mark]
0 8 .	. 4	Suggest why the enthalpy change for the reaction in Question 8.3 is approximately zero.  [2 marks]
0 8	. 5	Explain why the reaction in Question 8.3 occurs despite having an enthalpy change that is approximately zero.  [2 marks]
		Turn over for the next question

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