

- Complete the following table. (EDTA = ethylenediaminetetraacetate)

Marks
5

Formula	$[\text{Ni}(\text{NH}_3)_6](\text{NO}_3)_2$	<i>trans</i> - $[\text{PtCl}_2(\text{NH}_3)_2]$	$\text{Na}[\text{Fe}(\text{EDTA})]$
Oxidation state of transition metal ion			
Coordination number of transition metal ion			
Number of <i>d</i> -electrons in the transition metal ion			
Coordination geometry of the complex ion			
List all the ligand donor atoms			

THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.