

Co-ordination Compounds 1.

Degree-II (H) , Paper-III , Group-B

11/11/2020

Werner's Theory (Continued & Completed)

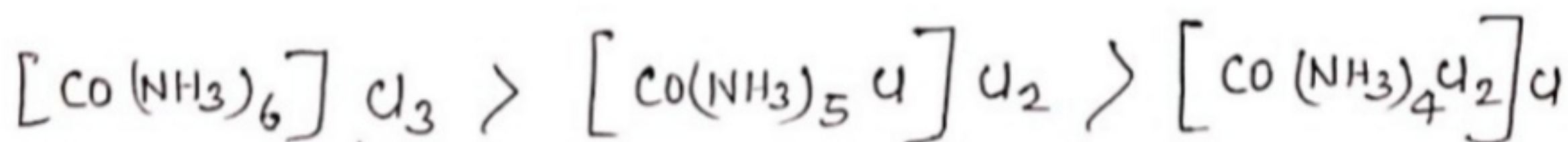
Revision Notes

Evidence in Favour of Werner's Theory

1. Electrical Conductance Measurement

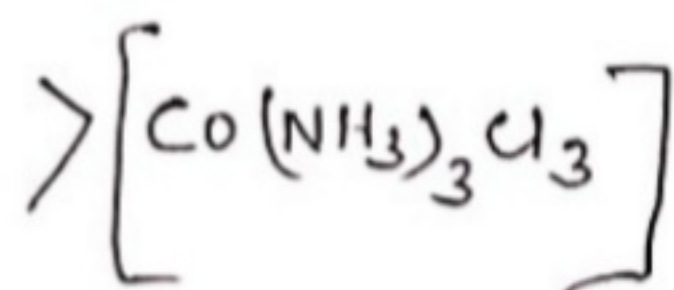
* As the no. of ions and charge on substance increases, the molar conductance of the compound increases.

eg. molar conductance



No. of ions 4

3

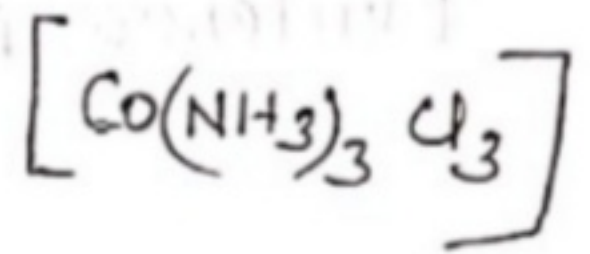
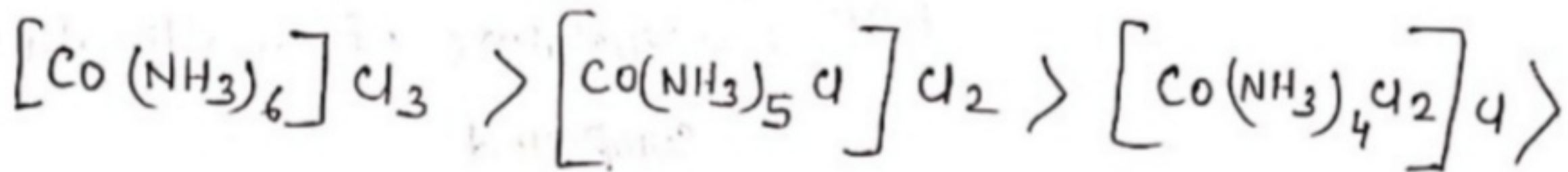


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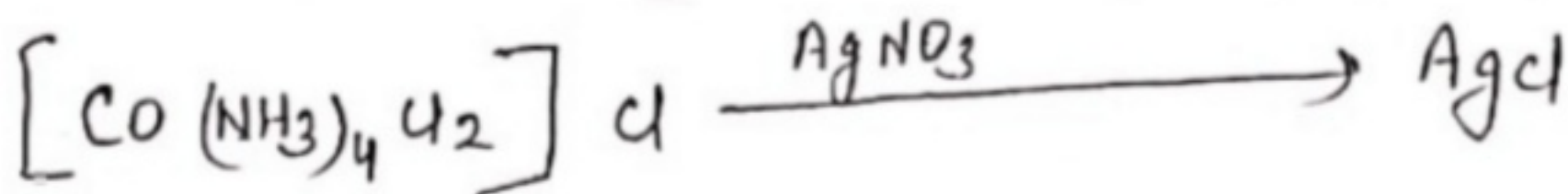
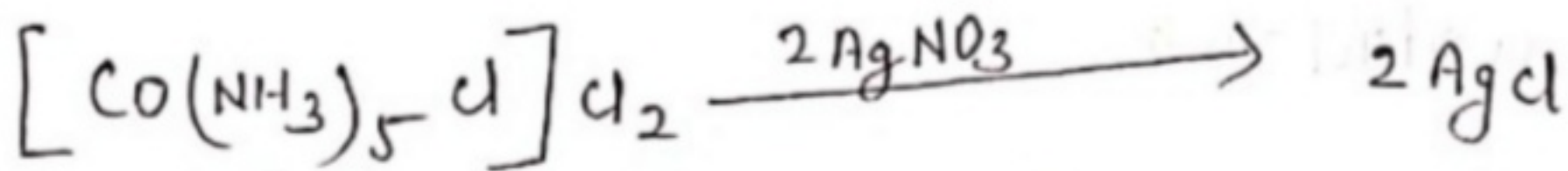
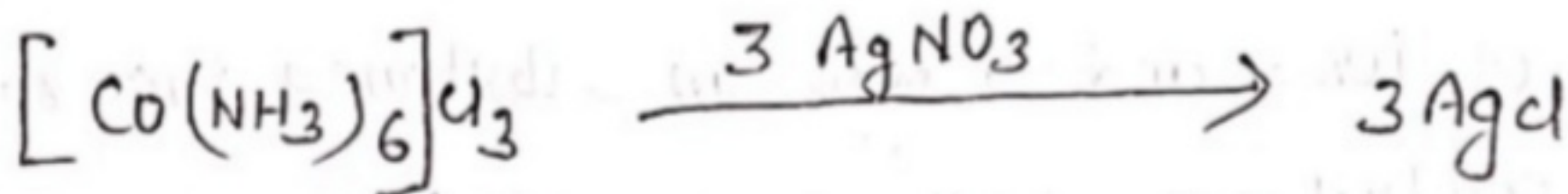
2. Cryoscopic Measurements

The depression in freezing point is a colligative properties depends upon the no. of particles in the solution.

Depression in f.p.



3. Precipitation Reaction



Werner's Theory

Completed