

# Co-ordination Compounds 1.

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

Lecture-10, By-Dr. Rinky, 28/09/2020

## IUPAC Nomenclature Of Coordination Compounds Continued..

\* Name of metals in complex anion obtained by addition of ending -ate.

<u>Metal</u>	<u>Anion name</u>
Manganese	Manganate
Cobalt	Cobaltate
Nickel	Nickelate
Zinc	Zincate
Platinum	Platinate
Molybdenum	Molybdate

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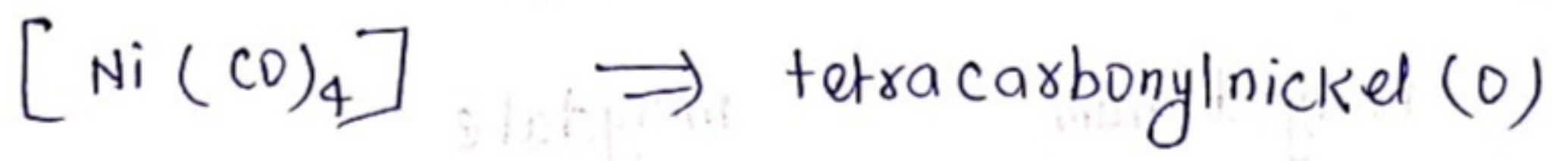
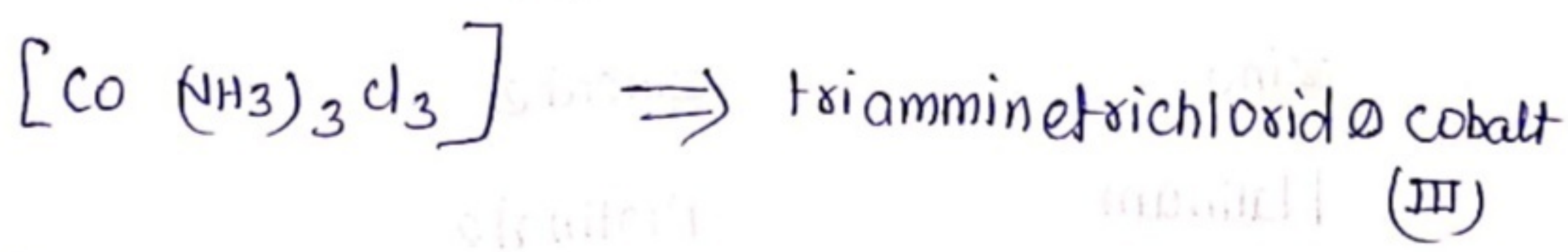
J.N. College, Madhubani.

★ Name of metals originated from Latin name: ---

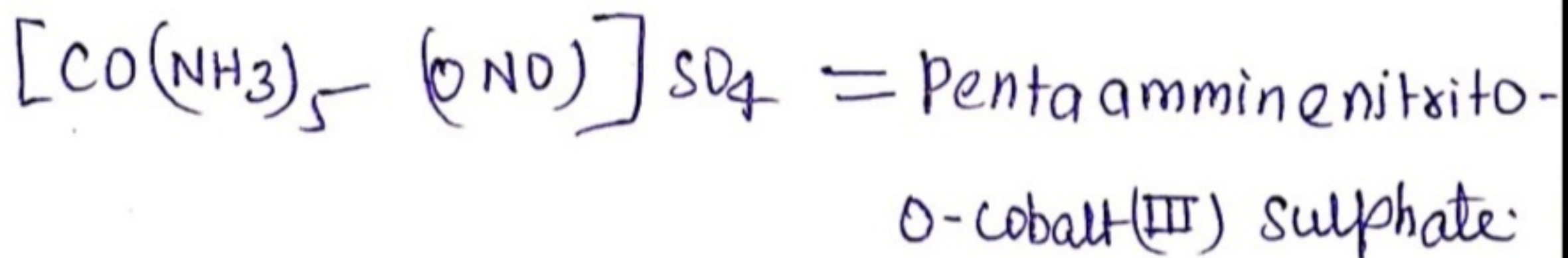
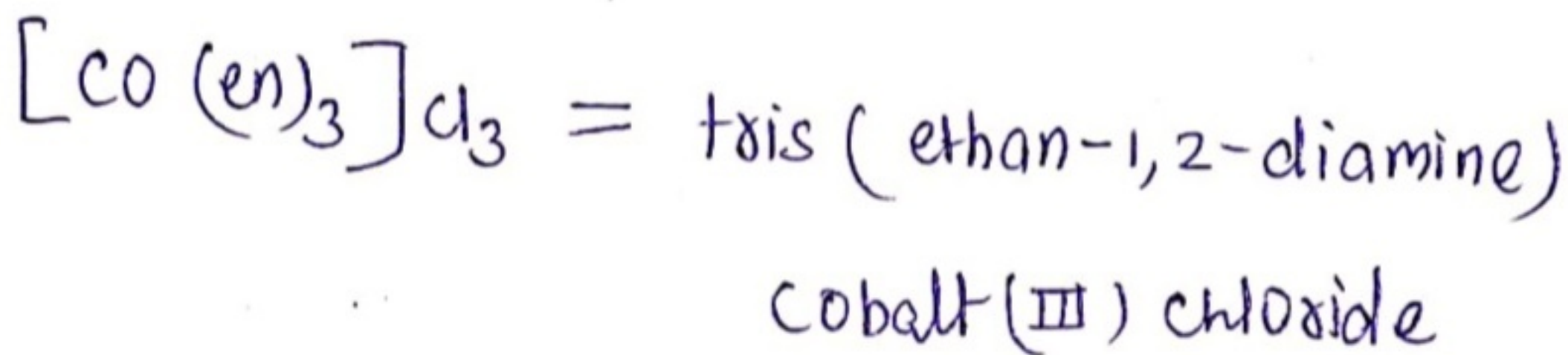
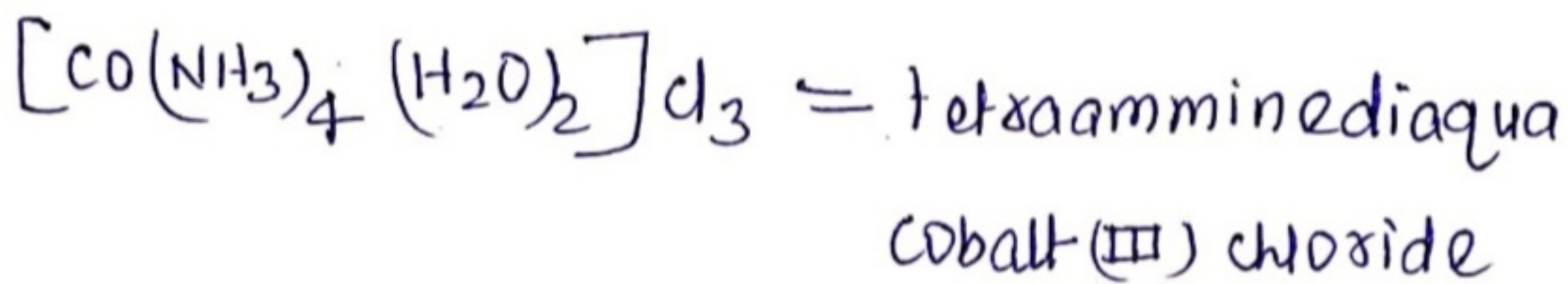
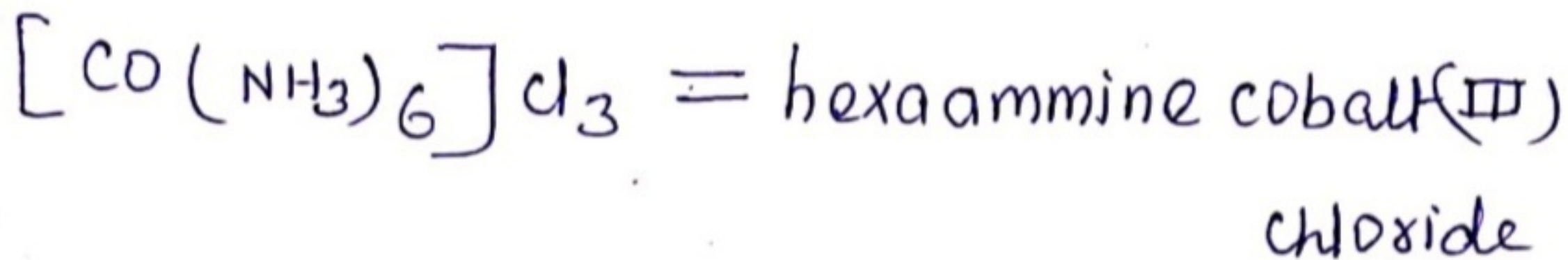
<u>Metal</u>	<u>Anion name</u>
Iron	ferrate
Copper	cuprate
Silver	argentate
Lead	plumbate
Tin	stannate

★ The rules given above are illustrated by the following examples: -

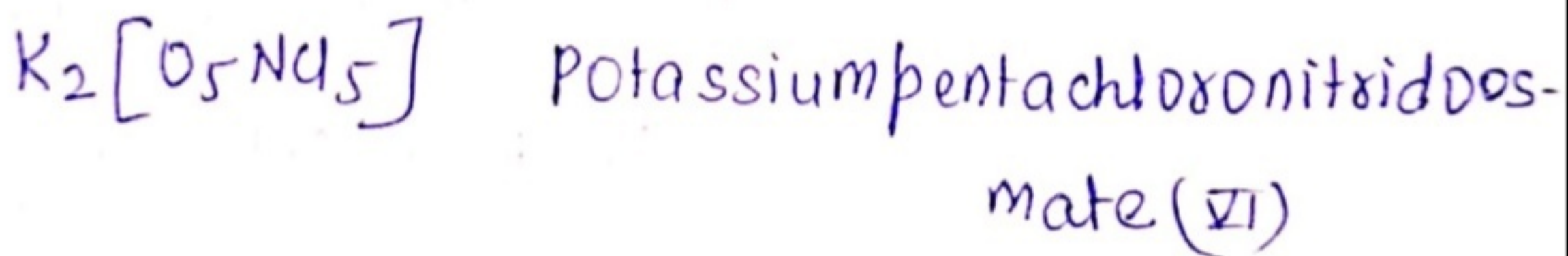
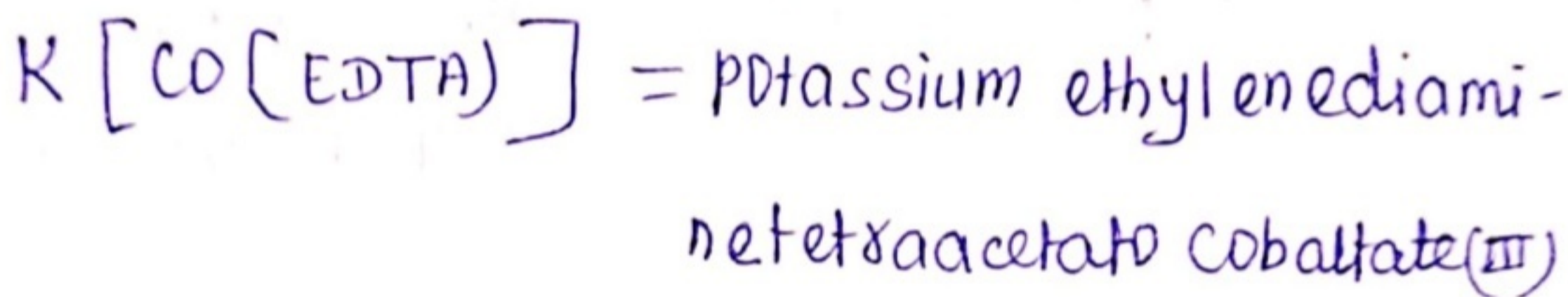
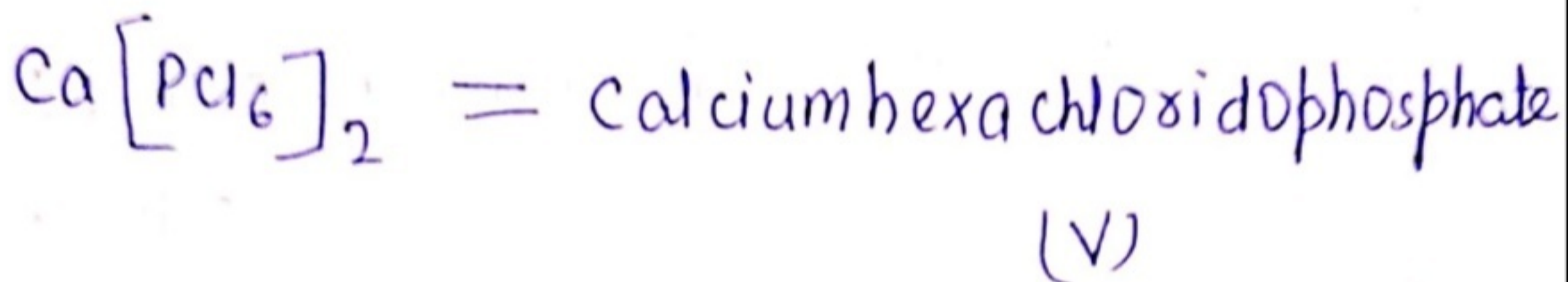
(a) Non-ionic or Neutral complex



⑥ Complexes containing complex cations



© Complex containing complex anion



**To be continued in next lecture..**

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