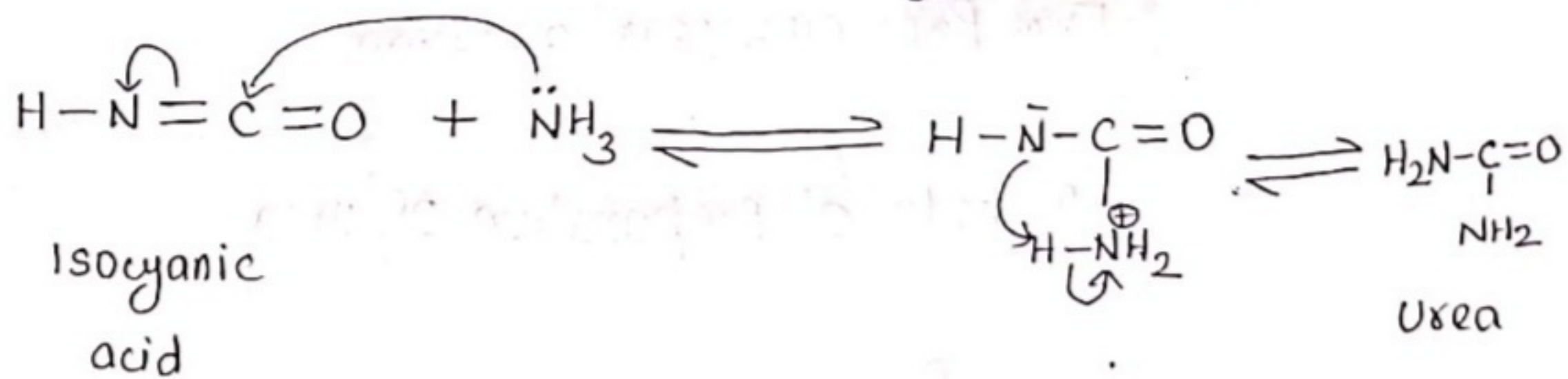
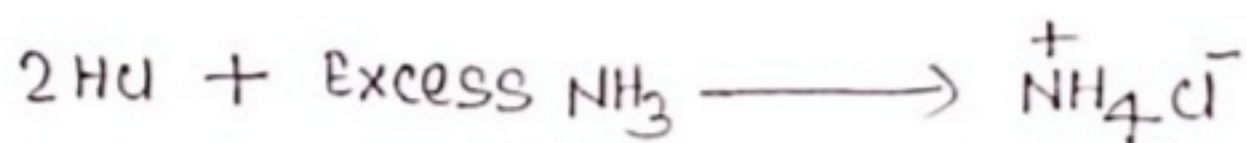
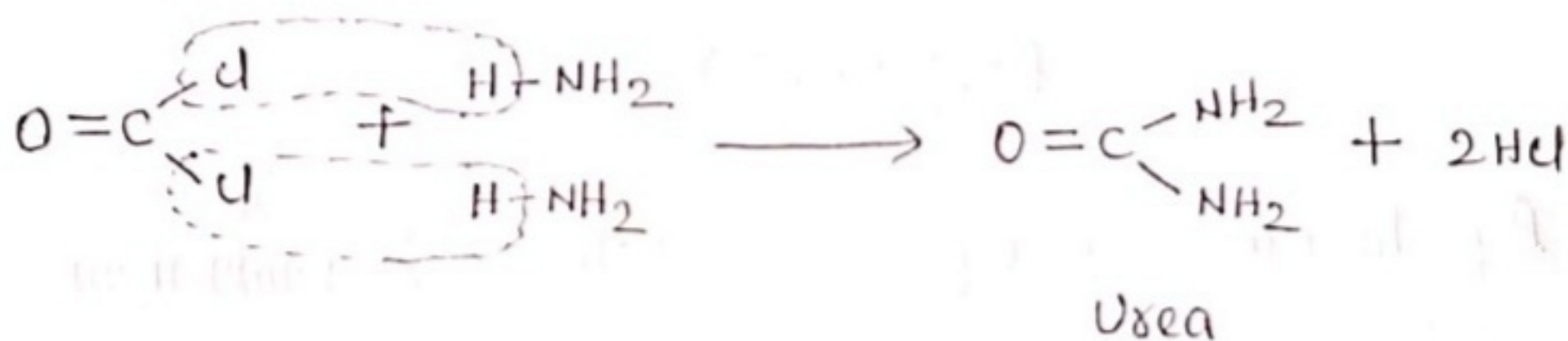




Step: 2 Action of ammonia on isocyanic acid yields urea.

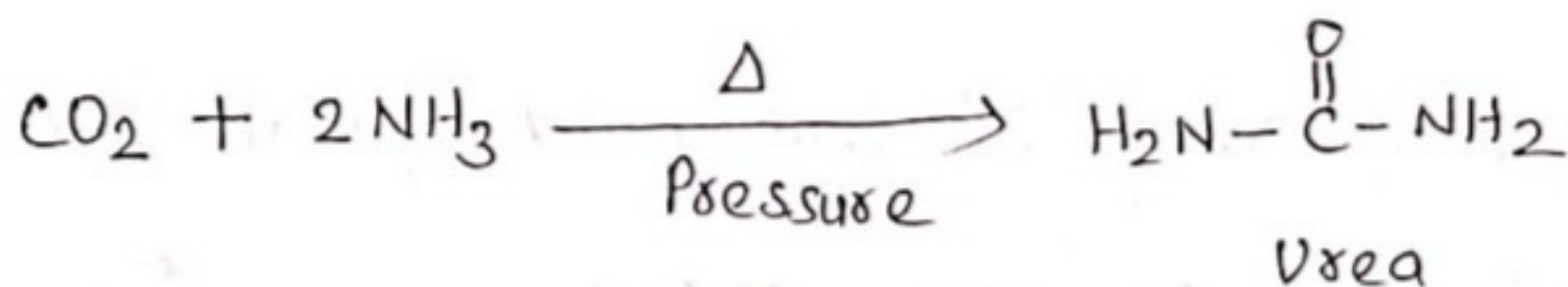


2. By the action of ammonia on phosgene (carbonyl chloride).



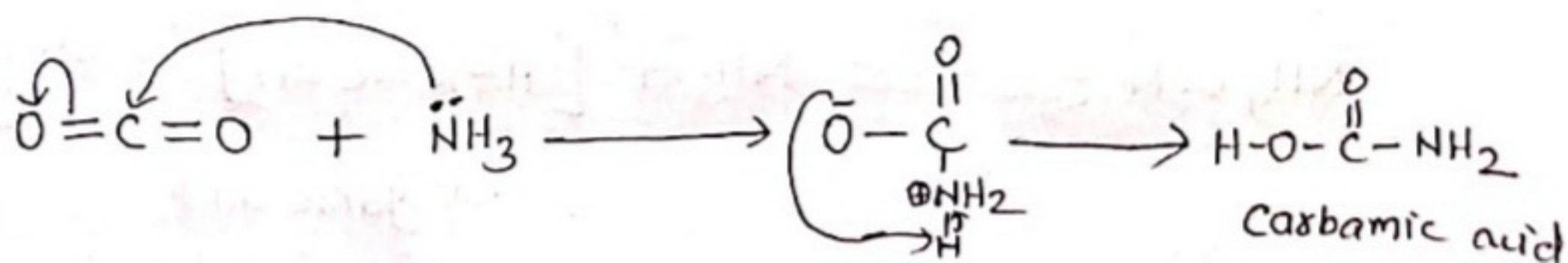
3. By heating ammonia and carbon dioxide together under pressure at 130-150°C.

(Commercial method)

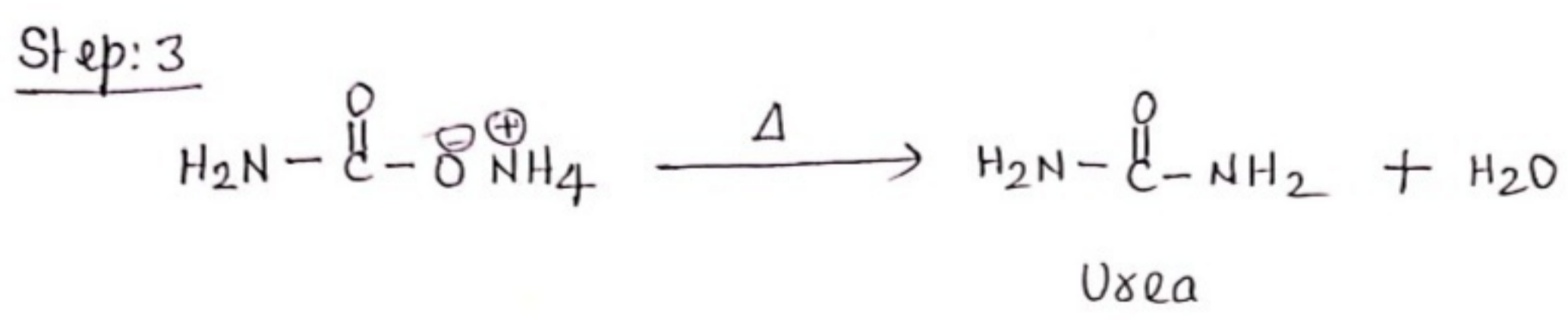
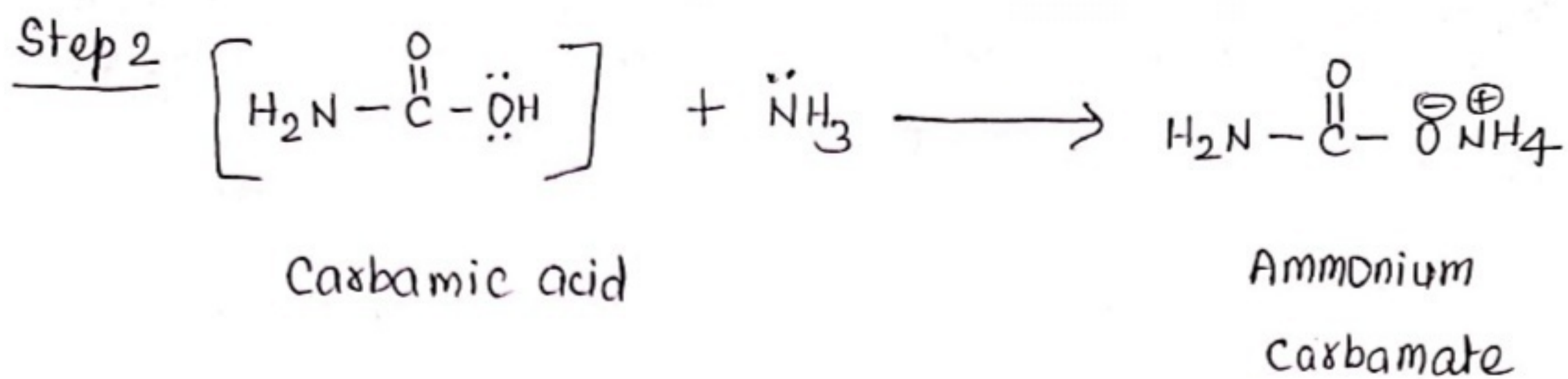


## Mechanism

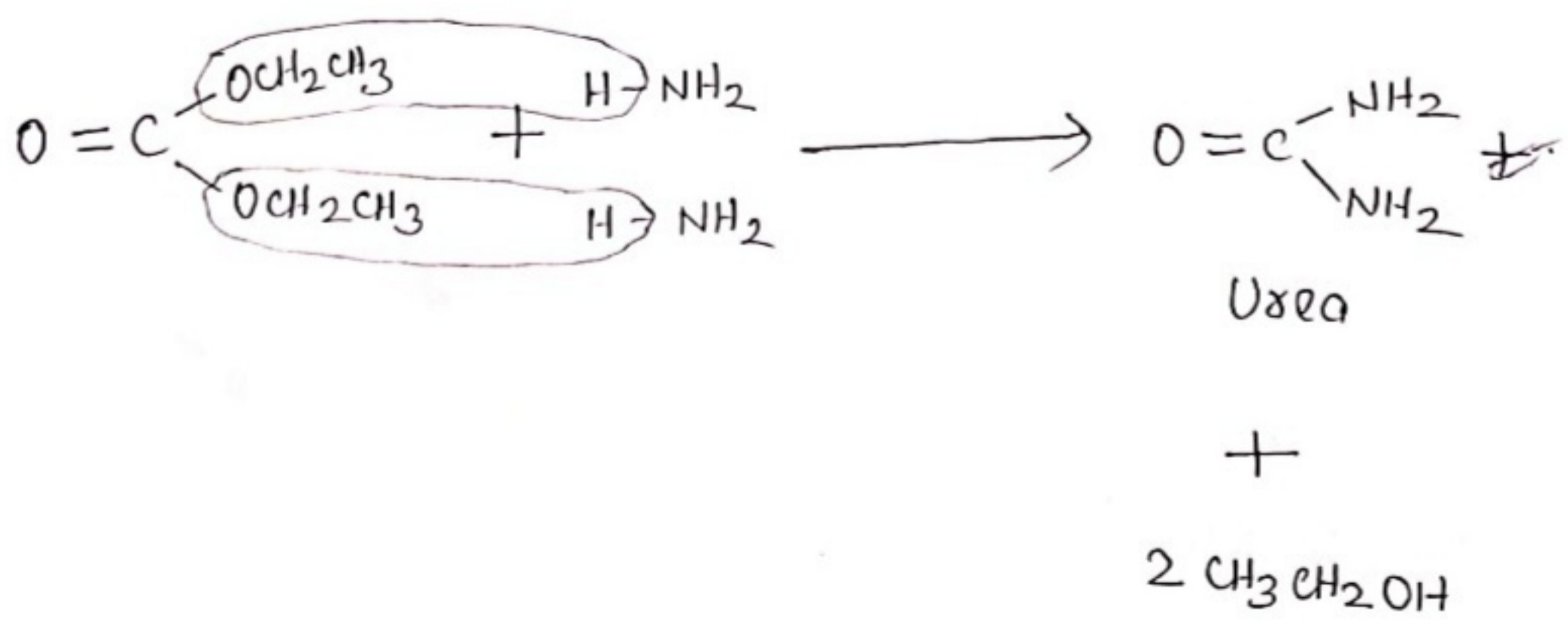
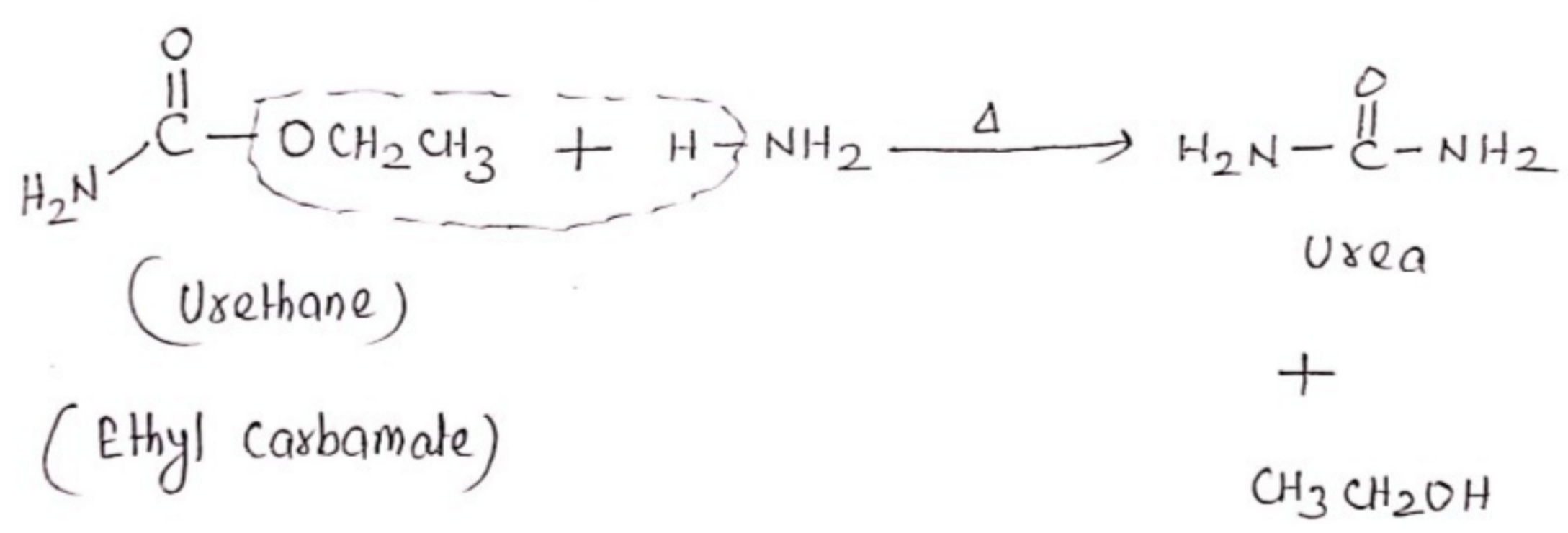
Step: 1







4. By the action of ammonia on urethanes and alkyl carbamates :-



**Preparation of Urea Completed..**