

AMINES AND UREA

1.

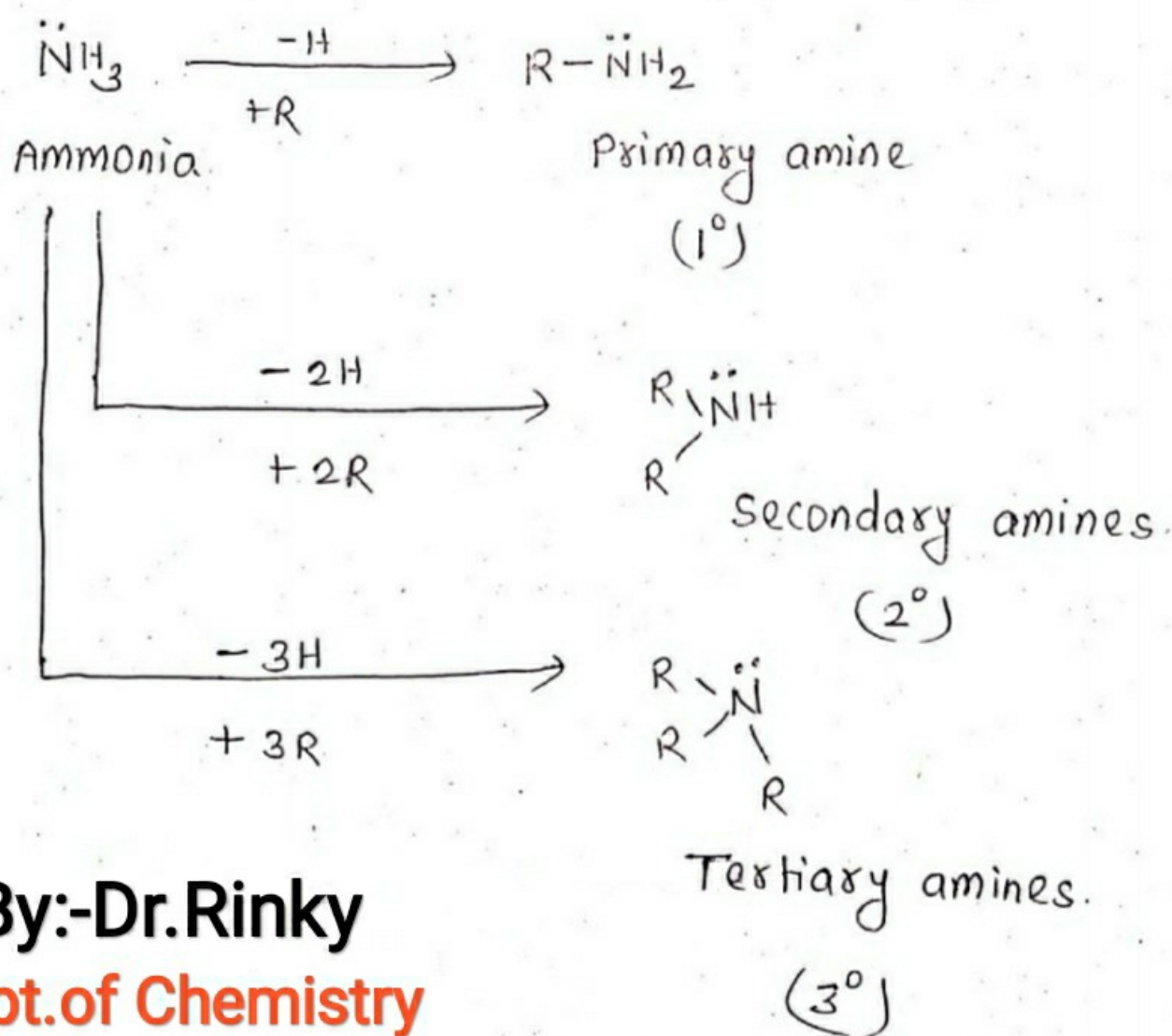
25/06/2021 (Lecture-1) Deg-I Hons.

Paper-II Group-B Chapter-4

Topic :- Structure and Classification of

Aliphatic Amines "Amines"

Alkyl derivative of ammonia (NH_3) is called Aliphatic amines.



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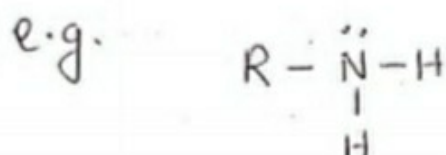
CLASSIFICATION OF AMINES

2.

Amines are classified as Primary (1°), Secondary (2°) or Tertiary (3°) according to the number of alkyl groups attached to the nitrogen atom.

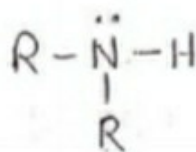
PRIMARY AMINE

It has only one alkyl group directly attached to the nitrogen.



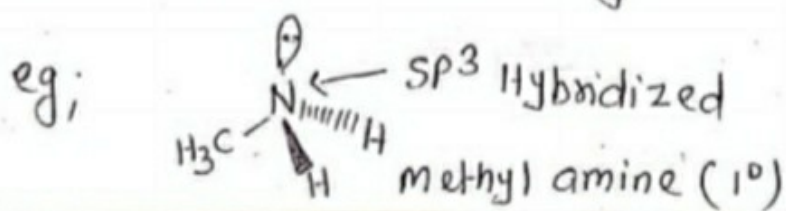
SECONDARY AMINE

It has two alkyl groups directly attached to the nitrogen.

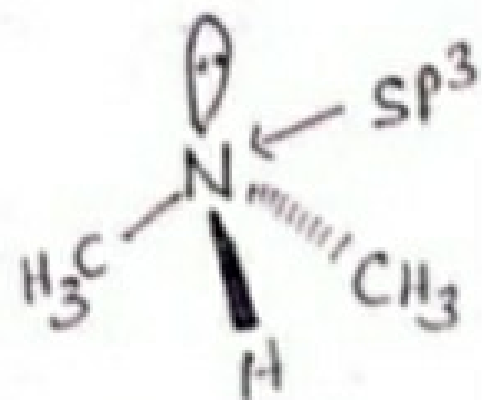


TERTIARY AMINE

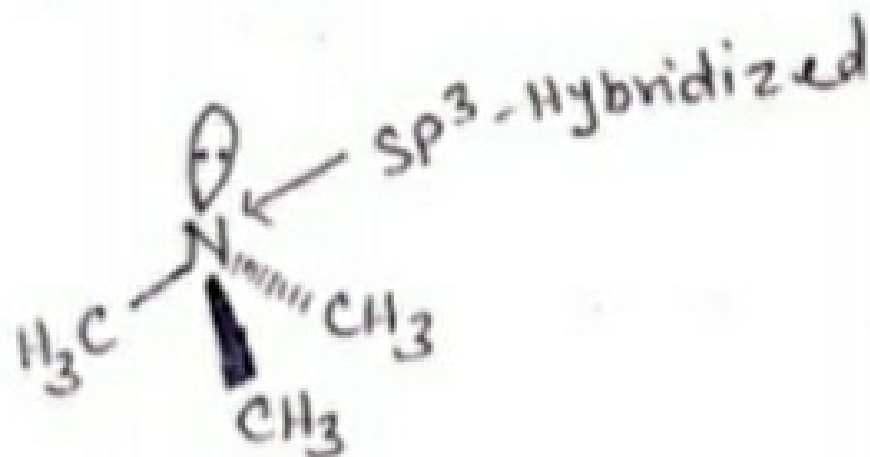
A tertiary amine has three alkyl groups directly attached to the nitrogen.



3.



Dimethylamine
(2°)



Trimethylamine
(3°)

Structure & Classification Of Amines
Completed.

Next Topic :- Nomenclature of Amines.