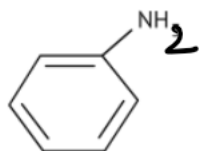
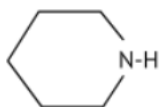


4. Which of the following is the weakest Bronsted base?

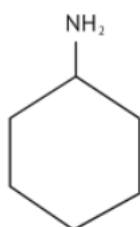
(A)



(B)



(C)



(D) CH₃NH₂

Ans: (A)

The NH₂ group is directly attached to the benzene ring in aniline and other aryl amines. As a result, the unshared electron pair on the nitrogen atom is conjugated with the benzene ring, making it less available for protonation.

