

↓
Acid
↓
Base

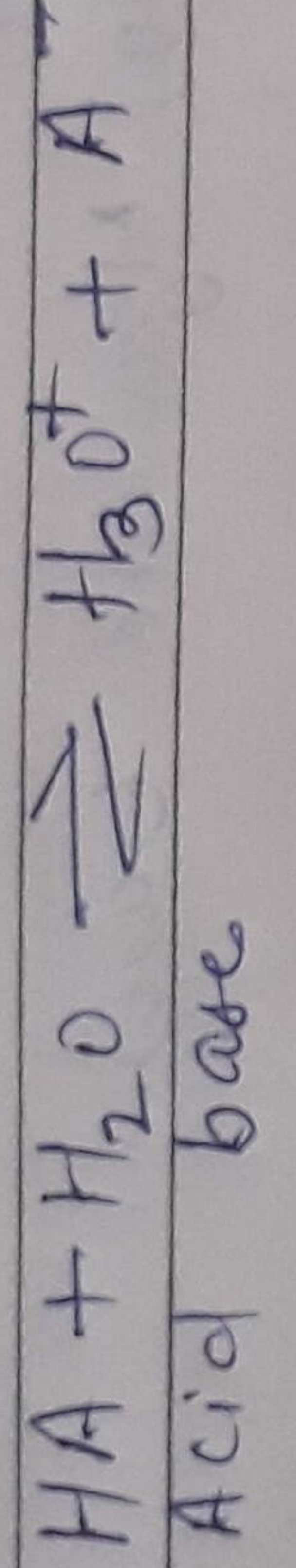
$\text{H}_2\text{O} \rightarrow$ water (H_2O) may act as an acid as well as base and is called amphoteric or amphiprotic.

✓ Conjugate acid base pair (CABP)

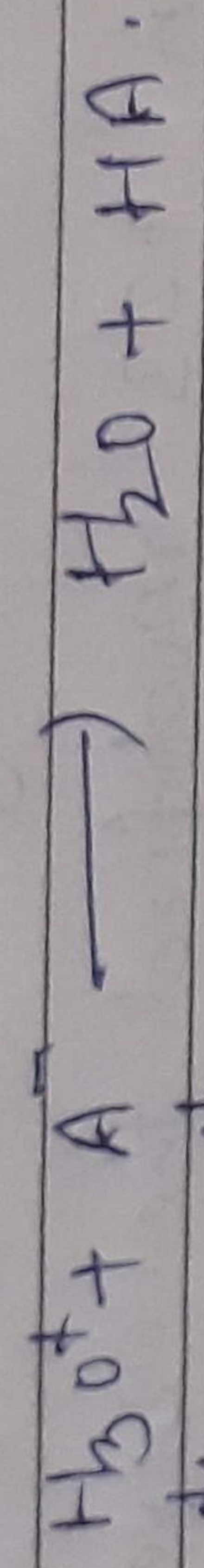
Date 28-03-20

Those pair of acids and bases whose molecular formula (~~is~~) differ by one H^+ (ion) atom which are formed by the mutual transfer of one proton (H^+) are called (CABP) Conjugate Acid base pair

eg Dissociation of an acid HA in water



In the reverse reaction also has acid-base reaction.



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Acid Base

Each acid has conjugate base and vice-versa

Acid	Base	
HCl	HNO_2	NO_2^-
HNO_3	$\text{CH}_3\text{-COOH}$	$\text{CH}_3\text{-COO}^-$
	H_2SO_4	HSO_4^-
	HSO_4^-	SO_4^{2-}