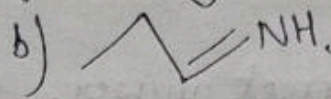
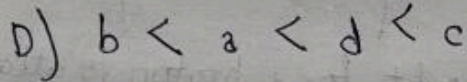
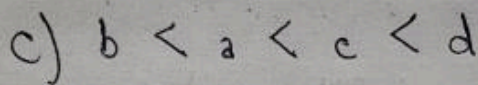
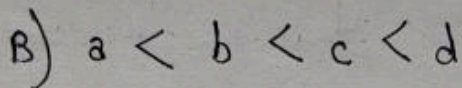
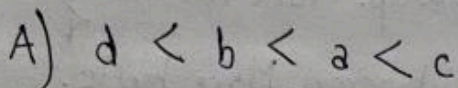
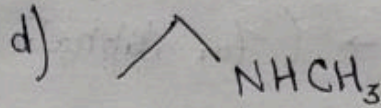
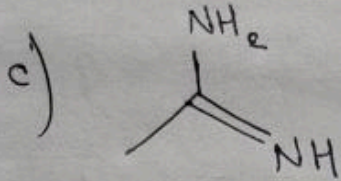


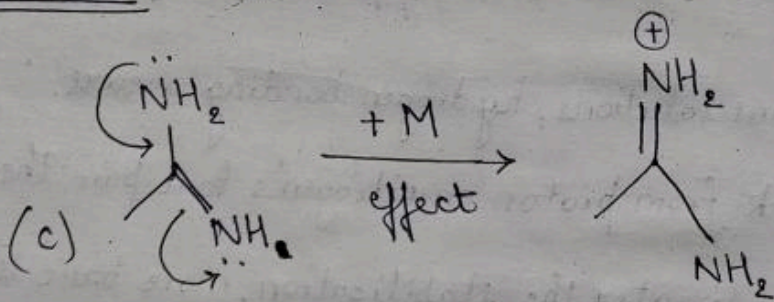
4. The increasing order of basicity of the following compounds is  $\rightarrow$



(Mains-2018)

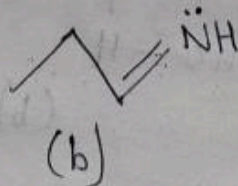
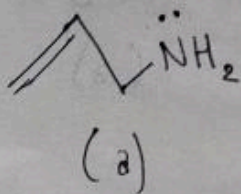
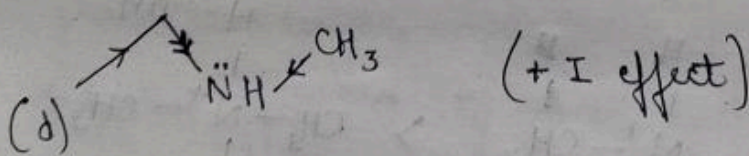


Solution  $\rightarrow$  D) is the correct answer.



Electron density increases at  $-NH_2$ .

( $+M$  effect is much stronger than  $+I$  effect)



Double bond shows  $-I$  effect and  $\downarrow$  electron density on N.

More prominent in (b) as it is closer to N in it.

So,  $c > d > a > b$ .