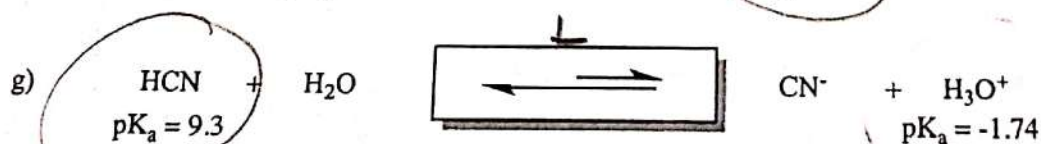
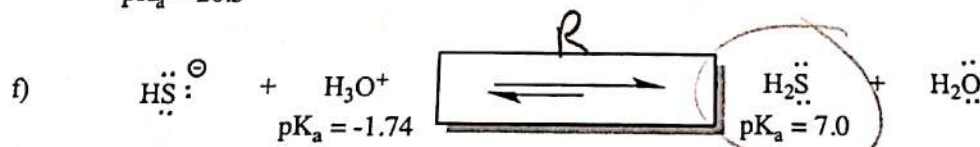
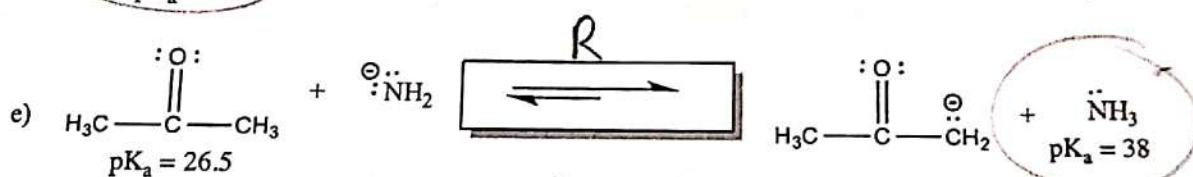
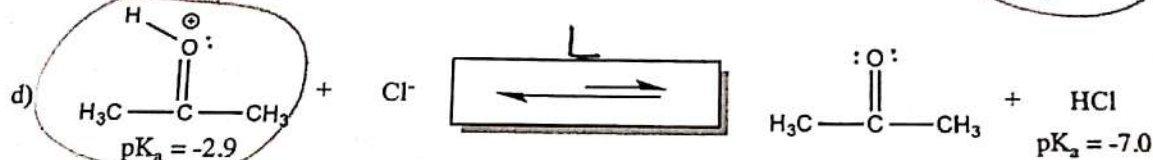
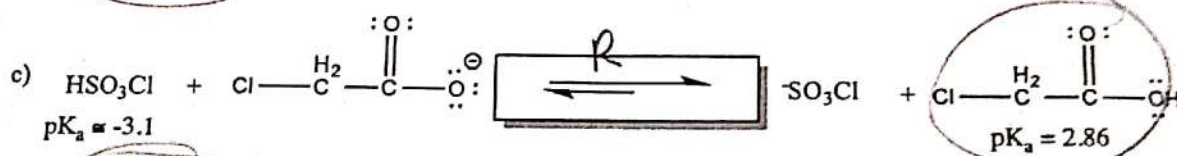
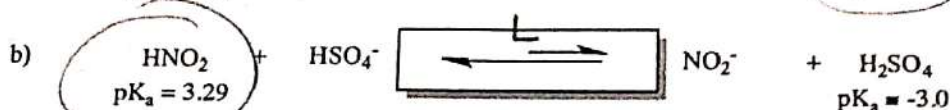
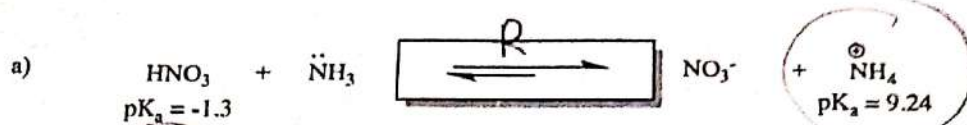


key O-Chem A-B #3

Practice Problems on Acid-Base Chemistry - Answers

1. For each of the following acid base reactions place one of the arrows inside the box to designate the extent of the reaction.

$\rightleftharpoons$ "R" $\rightleftharpoons$ "L"
 neither side favored product favored reactant favored



* The equilibrium will shift toward the "weaker" side (it can't "push back")

* The LOWER the pK_a , the STRONGER the acid!
 ∴ the arrow will point towards the larger pK_a #