## Quiz 2

1. The following molecules are acids. Circle the acidic hydrogen atom(s) (the hydrogen atom that is released as a hydrogen ion). Lewis structures are provided.

H H : 0: 	: o:    Hoso	: o:    H—o—cl==0 
H : 0:  H : 0:  H C C C H  H C C H	H H:0: :	 H——l : 

2. Which of the following molecules is an acid? Lewis Structures are provided

 H——Br : ••	HNH       H	: 0: H0-N0:
: O: Na <sup>+</sup> : O : S - O: Na <sup>+</sup> : O :	H H:0: 	H . O . H

## 3. Which of the following are bases.

Ba(OH) <sub>2</sub>	(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> OH	: O - Ca <sup>2+</sup>
H₂CO₃	LiOH	н н : 0 : 
Na <sub>2</sub> CO <sub>3</sub>	[N(CH₃)₄]OH [N(CH₃)₄] <sup>+</sup> is an organic cation	