## I ACIDS AND BASES:

A.	What is an acid? HCl H <sub>2</sub> SC	$H_2NO_3$	
	1. An acid is any	An acid is any that	
	the number of	_ ions when dissolved in w	ater.
	2. Hydronium ions form when a	ion ( H	<b>)</b> <sup>+</sup> )
	separates from the & bonds $H_2O$ to form $H_3O^{\scriptscriptstyle +}$ (hydronium ion		
В.	<u>Properties of acids</u> :		
	1. They have at	aste.	
	Example: citric acid found in	like	·
	. They react with to produce hydrogen gas.		
	They are, they destroy body tissue.		
	( they water from skin.)		
	Acid solutions can electricity.		
	5. Most acids are also		
	6. They make change color.		
	a) Bromthymol blue turns in the presence of an acid.		
	b) Blue litmus paper turns		3
<i>C</i> .	<u>Uses of acids</u> :		
	1. Industries use o	cid to make many products	<b>3</b> ;
	acid is used to make fertilizers.		
	3 acid extra	acid extracts metals from their ores.	
	. Hydrochloric acid is also found in your		
	5. Vitamin C is acid	, found in j	uice.