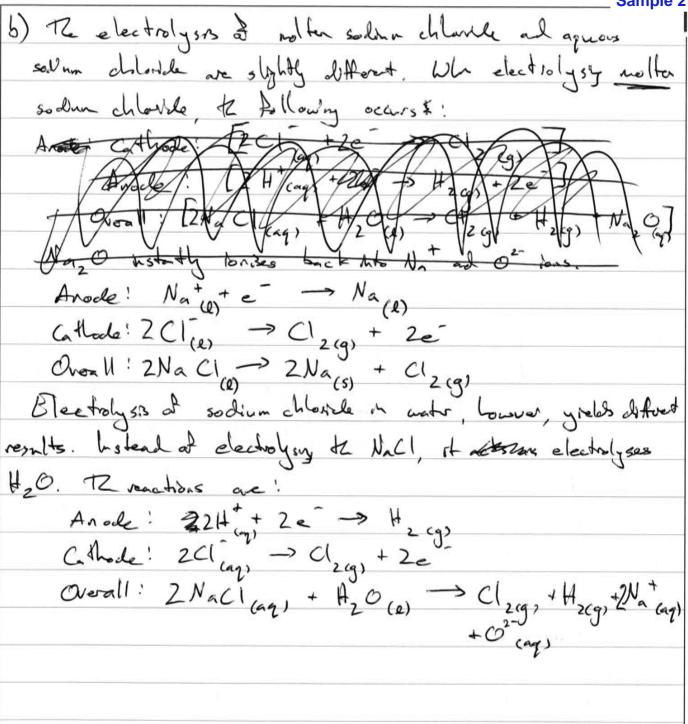
	- 1 -			Sample 2
Start here. Mozwy Prac	ers de	tracty N	10H	
a) It is an electroly to	e cell	, J. Th	a mercury	anode
and an inert cathode	Crossibly	Litarus)	. Sodin	n ehlows
is electrolysed in the c	ell, with	th C1-	ben att	nated to
the positive attack and	hey .	converted A	to cla	gas
while soons Nat ions	are atte	acted to	ta regation	e anode
where the form an amo	elgan at	sodium n	etal in ma	ray.
The analgen is pumped	into a	deconjos	Hon cla-bo	, Ive A
comes that contact with				
while IR to sodium reac				
2 NaOH (as, + Hzcg)].	Sodium h	y doxide	s renowal	ب سالو
12 nevery is recycled	though a	رەءلە م	e back m	to tz
electroly sis cell.				
•				



Please Tun Over

Additional writing space on back page.

e) Linestone is incredibly important to the Solvay process, as it is an incredibly common and estimant source of combon dioxide for the synthes of sedim carbonate. While the are other sources of carbon dioxide available most of then would be ver impue as and require purition, or appear in quantities so low as to be convocably primble. Line store (Ca CO3), on to oth had is readly available from nining and is relatively give. At the very least, it is very easy to puil it to an adequate degree Cinesta's role in the solvey process is as follows: CaCO3 is baleed in a kiln to produce CaO and CO2 CaO o slaked (ready a wtr) to produc Ca(OH)2 Co, is reached and What and WHz, and Hzo [20200, +2 Magh + 2 MH3 + 2 H, O -> 2 Ma HCO, + 2NH, CI Ca (OH) 2 B reacted with NA, CI to post recycle to amonium [Ca(OH) 2 + 2NH4CI -> Ca(12 + 2NH3+2H2G] It can be seen that calcium corborate (limiton) or in credity Important to the solvey process. The en utronu tal mpacts, hoven, are quite server Whester queries . Hu take to form of stall huge, shallow bites out of to eart's surface, destroyy a lage surface area of poplate and wildlife habitats Honever, linestone after colucies with the appeare of line, a highly dayors

and corrosine material, which limits the arount of attitle after and form and form that would like in the area, and this the arount of attached wildlife.

The dungy of the maste product CaCl 2 is also or environmental Additional writing space on back page.

Start here. It is a saponification reaction, where A is potassium hydroxide (KOH) ii) Oil (i.e. cocount oil) is placed in a beaker, and then potassium hydroxide is added. The mixtue is stired, the left in a fune cuts curboard for several days to react. After the time has elapsed, the me two dost mynish ble lyer - are if a clear light to other an opaque sold with a arrang color. The former is glycard, to latter soap Safety precontions include neary safety good goggles, glass and lab coats while very dely with KOH, as it is highly corrosive. The reaction is allowed to take place in a fune car bout for to som reason, and to prevent market le contet betreen Song and studits, who can have allegres Hereto.

Honer, or AD dargely inventive, it can be seen that It housthere of You may ask for an extra Writing Booklet if you need more space.