(71845) + (-1884)	
= -39 kJmol-1	
(b) State whether the reaction is exothermic or endothermic. Expla	in (1mk)
Exathernic - Bond Formation energy	y is high
than band breakage en	er.99
11. A certain mass of a metal E reacted with excess dilute hydrochloric acid volume of hydrogen gas liberated was measured after every 30 seconds were represented as shown in the graph below.	
Volume (cm²)	
Time (sec)	
a) Name one piece of apparatus that may be used to measure the volume (1mk))
Gradsafed gas Jar.	
b) I) On the same axis , sketch the curve that would be obtained if the exp repeated at 35°C.	eriment was (1mk)
ii)Explain the shape of your curve in b(i) above.	(2mks)
Increase in temp, increases the	
effective collisions per given to	mber of
reaction.	ct.