## Question 21 (3 marks)

A 0.001 mol  $L^{-1}$  solution of hydrochloric acid and a 0.056 mol  $L^{-1}$  solution of **3** ethanoic acid both have a pH of 3.0.

Why do both solutions have the same pH?

though ethinor a cid & less scielle the Hel In cohematica & much high - ) which result in A Sak pH. hancataban ch 0.036 is thin 0.001