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**Question 21** (3 marks)

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

**3**

Why do both solutions have the same pH?

..... They have a molar ratio of 1:1. They are both acidic.....  
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