

20 Which statement describes a property of ethanoic acid?

- A** It does **not** produce carbon dioxide when added to sodium carbonate.
- B** It does **not** produce hydrogen when added to magnesium.
- C** It only donates some of its protons when added to excess aqueous sodium hydroxide.
- D** It only partially dissociates when added to water.

21 Which statement describes a base?

- A** It reacts with ammonium chloride to produce ammonia gas.
- B** It reacts with calcium carbonate to produce carbon dioxide gas.
- C** It reacts with copper to produce hydrogen gas.
- D** It turns blue litmus red.

34 Which statement about aqueous ethanoic acid is correct?

- A** It reacts with magnesium to form oxygen gas.
- B** It reacts with sodium carbonate to form carbon dioxide gas.
- C** It turns red litmus paper blue.
- D** It turns methyl orange yellow.