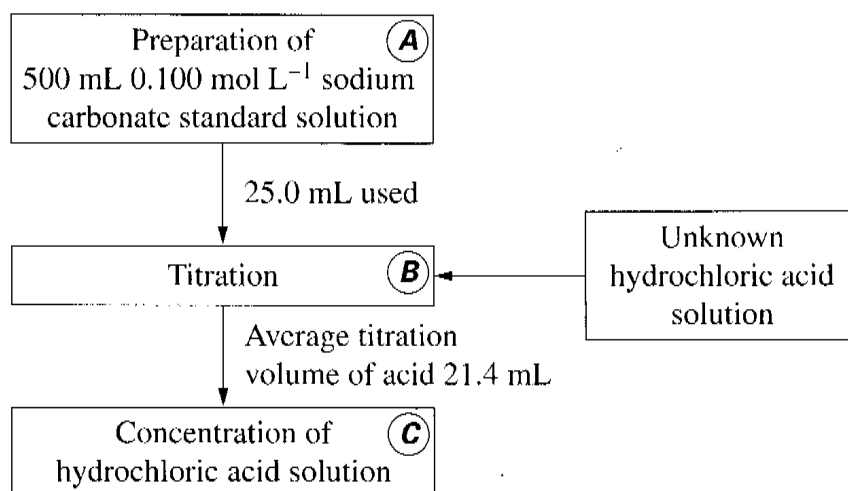


**Question 28** (8 marks)

The flowchart shown outlines the sequence of steps used to determine the concentration of an unknown hydrochloric acid solution. 8



Describe steps **A**, **B** and **C** including correct techniques, equipment and appropriate calculations. Determine the concentration of the hydrochloric acid.

*washing* washing the ~~equip~~ <sup>equipment</sup> used with the right liquid. Burette (acid) pipette base. conical flask (water)

Add the liquids in and let the burette drip into the conical flask with the base solution of the pipette mixed in.

Question 28 continues on page 18