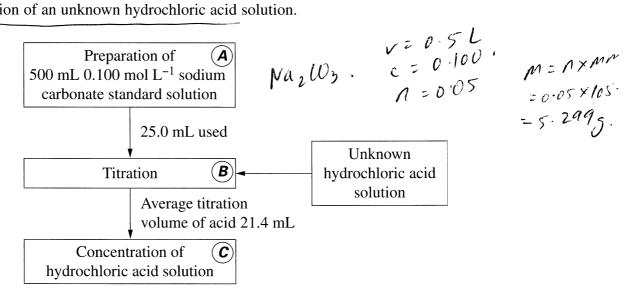
8

Question 28 (8 marks)

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



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

Step A - Préparation of Standard solutron. De Measure approxinet 5.30 g of pour sodiens Carbonate on éléchonic balance in a 250 ml beaker. Toul the éléchonic, balance Væpose vires heater on before placing Nar (D3. (1) Dissolve sodium Carbonate in small amount of dishilled water and shr with a spectfulla 2) When a meaning cybinder and finnel, and add the sodium carbonate solution into Use round flask . Wash the beaker into the flask

Question 28 continues on page 18