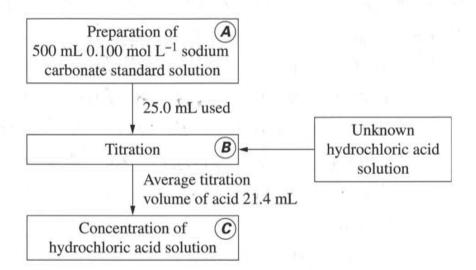
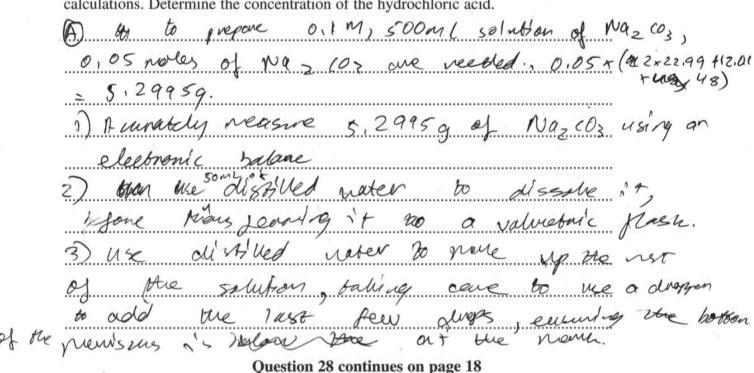
Question 28 (8 marks)

The flowchart shown outlines the sequence of steps used to determine the 8 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.



Question 28 (continued)

B) Well Set up as egulprust as snown:
Demetre 1) Chan brokke mith tich estrolengo
be used, before filling presse
rebout to nach
2) UK de prette te cramper
25.0 Ml of Naz COz Salutdan
to neaver, mach 3) Add with few duas of religi
la annathonal solve india above
bromathyral blue indicator
4) Steel Ouring Fig) was few owers of
guld at a the my to leaver, cominling
bearer constearty. As soon as solution highers
to dange colour record the arount of H I wear
5) Empty heaver and brette and repeat szeps
1 Charles con men con region region
1 – 4
6) Recordall reoulds
End of Question 28
End of Question 28 Nessons.
(E) Calculattons
2 HC/(a) + Na 2 (03 (ae) -) 2 Na C/(as) H20(1) + 10219
Myn Cov. C 12 mg.