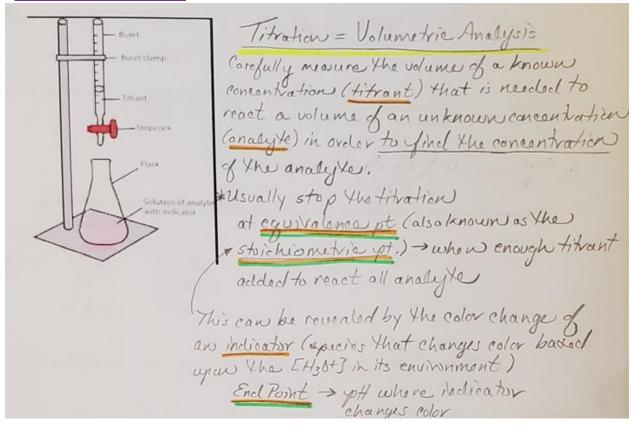
## **Acid-Base Sample Questions**

## **Titration Questions**



- 9) A 25.0 ml sample of 0.105 M HCl was titrated with 31.5 ml of NaOH. What is the concentration of the NaOH?
  - A) 0.0833 M
  - B) 0.132 M
  - C) 0.105 M
  - D) 0.075 M
  - E) none of the above

2)	How much of a 1.5 M NaOH solution is needed to neutralization 20.0 mL of 2.5 M $H_3PO_4$ ?
3)	What is the molarity of a NaOH solution if 15.0 mL is exactly neutralized by 7.5 mL of a 0.020M acetic acid solution?

