



Q1 / Answer the following (50 Marks)

1-Enumerate the branches of analytical chemistry?

2- Enumerate type of solution?

3- Complete the following reaction:



4- Why the pH of the sample solutions in mohrs method should be between 6.5 and 10?

5- What is precipitation titration compound?








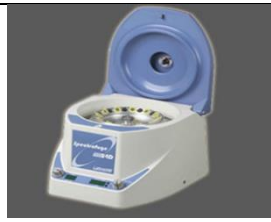




Q2/(30 marks)

1. What is the weight/volume percentage concentration of 100mL of aqueous sodium chloride solution containing 1g NaCl?

2.- Determine the Molarity of solution which is 5g NaOH dissolve in 100ml of D.W. (Na=23, O=16, H=1)

3. Determine the weight required to prepare 1N KOH in 100ml distil water. (K=39, O=16, H=1)

Q3\ Write the laboratory name of the followings :(only 10) (20 Marks)

Good Luck

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