

University of Salahaddin College of Agriculture Engineering science

Subject: Practical A. chemistry

Stage: First
Time: 1hour

Final examination (2023-2024)

Date: / /2024

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?

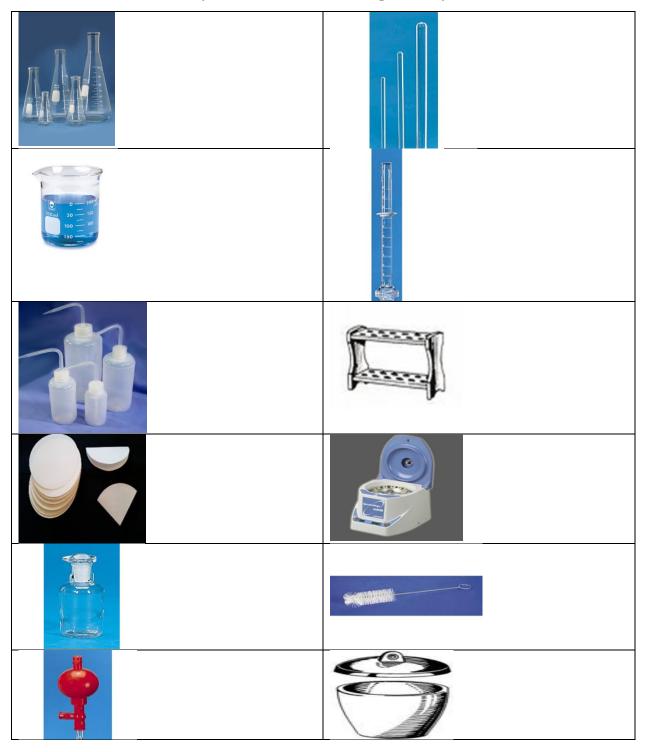
Q2/(30 marks)

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 in100ml 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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