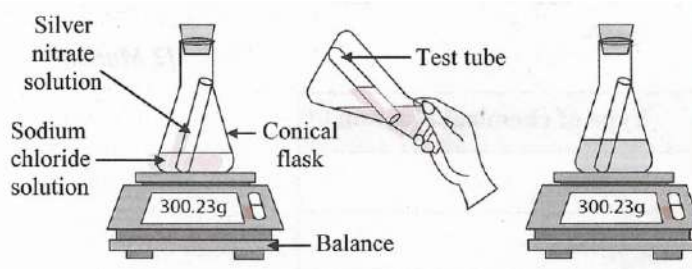


Q.5 A part of periodic table is shown in following figure.

- Write the symbol of the element 'B'.
- Will elements 'C' and 'D' have same number of valence electrons?
- Arrange elements 'A', 'B' and 'C' in increasing order of their metallic character.
- What is the number of electrons in L shell of element 'E'?
- Name any two elements that will have properties similar to that of element 'A'.

	1					18	
1		2	13	14	15	16	17
2		A		B	C		
3					D		E
4							

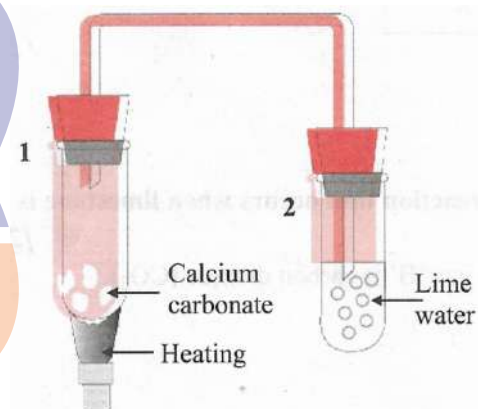
Q.6 The reaction of sodium chloride solution with silver nitrate solution is shown in the following figure.



- Name the products of the reaction.
- Does the reaction follow law of conservation of mass? Justify your answer.

Q.7 Study the following figure and answer the questions below.

- Give the chemical formulae of calcium carbonate and lime water.
- Name the gas evolved when calcium carbonate is heated.
- Name the solid product left behind in the first test tube.
- What are the products formed in 2<sup>nd</sup> test tube?
- Identify the type of chemical reaction occurring in the 1<sup>st</sup> test tube.



Q.8 Observe the following picture and write down the chemical reaction with explanation.

