

CLASS IX CHEMISTRY

Q1. Why is crystallization technique better than simple evaporation?(2)

Q2. Explain law of definite proportion using suitable example.(2)

Q3. Calculate the average atomic mass of chlorine if chlorine is available in two isotopic forms $^{35}\text{Cl}_{17}$ (75%) and $^{37}\text{Cl}_{17}$ (25%). (2)

Q4. If $Z=6$, what will be the valency of that element? Also name the element (2)

Q5. Write down the formulae of following: (2)

(i) Magnesium hydroxide

(ii) Calcium carbonate

(iii) Copper carbonate

(iv) Aluminium sulphate

Q6. Calculate the number of molecules of sulphur S_8 in 32gm of solid sulphur.(2)

Q7. Explain law of definite proportion using suitable example. (3)

Q8. By which technique one can separate the dyes present in black ink? Give three examples of that technique. (3)