


Qn. 46

What is meant by Dehydration?

 Dehydration is the process of absorbing the chemically combined hydrogen and oxygen from substances in the ratio corresponding to that of water (2:1). Concentrated sulphuric acid is a best dehydrating agent.


Qn. 47

Complete the table by analysing activities given below:

No.	Activity	Observation
1.	Dropping Con. H_2SO_4 on a cotton cloth.	Cloth gets charred
2.	Adding Con. H_2SO_4 to glucose taken in a small beaker	Sugar turns to charcoal
3.	Adding Conc. H_2SO_4 to a watch glass in which $CuSO_4$ crystals are taken	Blue colour of $CuSO_4$ disappears

Qn. 48

What is meant by a drying agent?

 Drying agents are substances capable of absorbing the moisture present in a substance. Concentrated sulphuric acid is used as a drying agent in the manufacture of Cl_2 , SO_2 , and HCl

Qn. 49