

Exercise-11

7. Write the molecular formulae of compounds calcium oxide, hydrogen sulphide, carbon monoxide and lead sulphide.

Ans: Calcium oxide: CaO
Hydrogen sulphide: H_2S
Carbon Monoxide: CO
Lead sulphide: PbS

8. Give two examples each of compounds existing in the following states:

a solid b liquid c gaseous

Ans: solid: Calcium hydroxide
Sodium hydroxide
liquid: Nitric acid
Hydrochloric acid
gaseous: Sulphur dioxide
Ammonia

9. Write formulas of iron oxide, calcium oxide, sodium oxide, zinc chloride.

Ans: iron oxide: FeO
Calcium oxide: CaO
Sodium oxide: Na_2O
Zinc chloride: ZnCl_2