# DPP-10S11

## **CHEMICAL EQUATION & BALANCING**

1. **Write the chemical formula :**
2. Potassium Bromide
3. Hydrogen Sulphide
4. Aluminium Sulphate
5. Ammonium Phosphate
6. **Convert the following into Equations :**
7. Hydrogen sulphide gas burns in air to give water and sulphur dioxide.
8. Barium chloride reacts with aluminium sulphate to give aluminium chloride and barium sulphate.
9. Potassium bromide + Barium iodide → Potassium iodide + Barium bromide.
10. Potassium metal reacts with water to give potassium hydroxide and hydrogen gas.
11. **Balance the following equations :**
12. FeSO4 → Fe2O3 + SO2 + SO3
13. CH4 + O2 → CO2 + H2O
14. H2 + N2 → NH3
15. Fe + H2O → Fe3O4 + H2