

J&K POLICE PUBLIC SCHOOL, MIRAN SAHIB, JAMMU

ASSIGNMENT WORK

SUBJECT-CHEMISTRY

TEACHER INCHARGE- SWATI SHARMA

CLASS-10TH

Contact no.- 9622135800

MAX. MARKS -20

1. What are the different types of chemical reactions. Explain combination reactions with examples? (5)

2. Balance the given chemical equations: (5)

$$\text{NH}_3 + \text{O}_2 \longrightarrow \text{NO}_2 + \text{H}_2\text{O}$$
$$\text{P} + \text{O}_2 \longrightarrow \text{P}_2\text{O}_5$$
$$\text{Ag}_2\text{O} \longrightarrow \text{Ag} + \text{O}_2$$
$$\text{Fe}_2\text{O}_3 + \text{CO} \longrightarrow \text{Fe} + \text{CO}_2$$
$$\text{K} + \text{MgBr}_2 \longrightarrow \text{KBr} + \text{Mg}$$

3. What are precipitates. What is a precipitation reaction? Explain with example. (5)

4. What are decomposition reactions. Give an example? (3)

5. Give an example of a reaction showing oxidation and reduction ? (2)