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1 Mark Each

1. Why is hydrogen collected over water?
2. Why is lime water slightly milky?
3. What is rust?
4. Name a metal which does not get rusted.
5. What is the role of oxidizing agent in a reaction?
6. Give two ways to check the rancidity of food articles.

2 Marks Each

7. What are neutralization reactions? Why are they so named? Give one example.
8. Aluminium is a reactive metal but is still used for packing food articles. Why?
9. Identify the type of reaction in the following:
 - (a) $P + Q \longrightarrow R$
 - (b) $P + QR \longrightarrow PR + Q$
 - (c) $P \longrightarrow Q + R$
 - (d) $PQ + RS \longrightarrow PS + QR$

3 Marks Each

10. Under what conditions can chemical decomposition be carried out? Give an example in each case.

5 Marks Each

11. What information is given by the chemical equation, given atomic mass of Zn = 65 and Cl = 35.5
 $Zn(s) + 2HCl(aq) \longrightarrow ZnCl_2(aq) + H_2(g)$

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