**Aarambh Classes**

**Class X**

**Chemistry worksheeet**

**Chemical reactions and equations**

**2 marks questions :**

1. Study the following equation of a chemical reaction :

H + Cl2HCl

(I) identify this type of reaction .

(ii) write a balanced chemical equation of another example of this type of reaction.

1. State the type of chemical reactions ,represented by the following equations :
2. A +BC AC +B
3. A+B C
4. PQ +RS PS+RQ
5. AO +2B B O +2A

**3 marks questions :**

1. 1 g of copper powder was taken in china dish and heated .What change takes place on heating ? When hydrogen gas is passed over this heated sustance ,a visible change is seen in it. Give the chemical equations of the reactions ,the name and the colour of the products formed in each case .
2. A compound ‘A’ is used in the manufacture of cement.When dissolved in water ,it evolves a large amount of heat and forms compound ‘B’ .
3. Identify ‘A’ and ‘B’ .
4. Write chemical equation for the re action of A with water .
5. List two types of reaction in which this reaction may be classified .
6. Lead nitrate solution is added to a test tube containing potassium iodide solution.
7. Write the name and colour of the compound precipitated .
8. Write the balanced chemical equation for the reaction involved .
9. Name the type of this reaction justifying your answer.
10. 2 g of silver chloride is taken in a China dish and the China dish is placed in sunlight for some time . What will be your observation in this case ?Write the chemical reaction involved in the form of a balanced chemical equation.Identify the type of chemical reaction.