

TENDER HEART HIGH SCHOOL, SEC-33B, CHD.

CLASS- VII

CHAPTER- 5

SUBJECT- CHEMISTRY

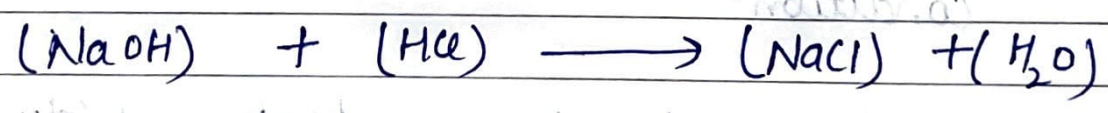
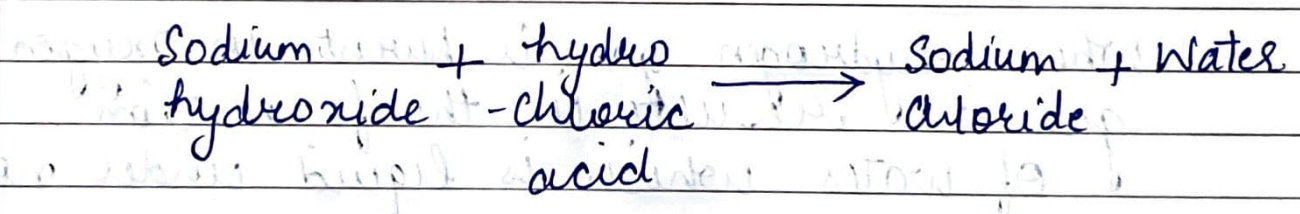
TEACHER- ANAMIKA

Revision

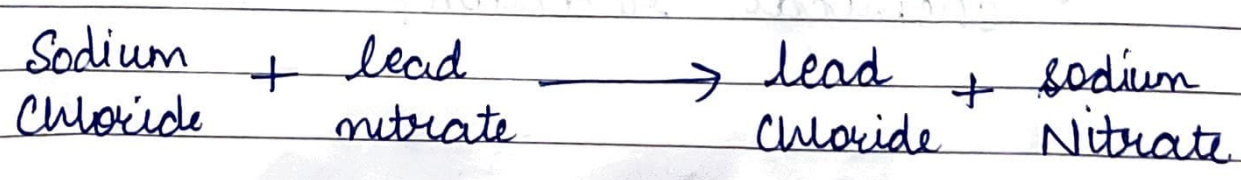
Q:-1 Write your observation when following reaction take place.

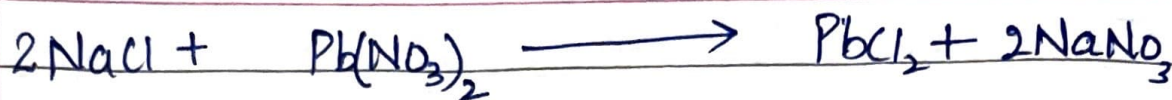
- when sodium hydroxide solution is added to some dilute hydrochloric acid.
- when solid sodium chloride and solid lead nitrate mix together.

Ans:-a) when sodium hydroxide react with hydrochloric acid it forms salt and water.



b) when solid sodium chloride and solid lead nitrate mix together no observation take place. But, when they are in solution form then they react together.

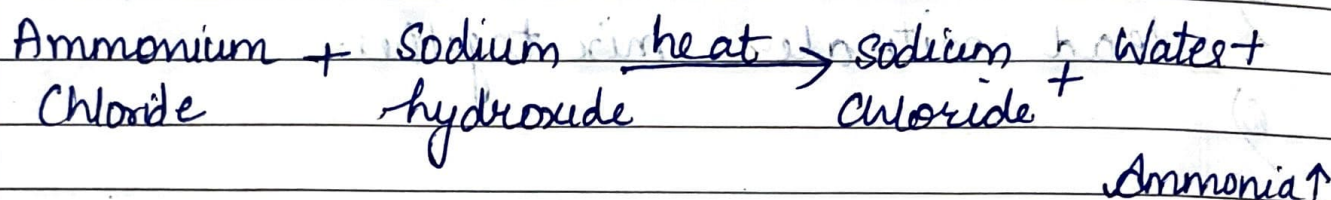




- Q2. What do you observe during the reaction?
- Change of smell
 - Change of state

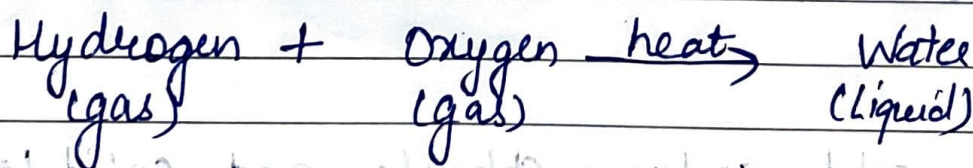
Ans:- a) Change of smell :-

When solid ammonium chloride is heated with sodium hydroxide solution, a gas ammonia is evolved which has strong pungent smell.



- b) 'change of state' :-

When hydrogen gas is burnt in oxygen gas, it results in the formation of water which is liquid under normal condition.



- Q3. In which form transfer of energy take place from reactant to product during chemical reaction?

Ans:- Transfer of energy takes place in the form of light, heat, sound & electricity

Q:4 which gas is produced when some dilute vinegar is added to some baking soda in a test tube.

Ans:- CO_2 is produced

