

Chemistry (New Book) - 9th Class Chemistry English Medium Chapter 8 Preparation

Q1. Define Metal.

Ans 1: On heating metals usually become soft and flexible. They are difficult to cut.

Q2. Why is HF weak acid?

Ans 1: HF is a weak acid due to strong hydrogen bonding. Because partial positively charged H atom is entrapped between two F atoms.

Q3. Write down uses of Magnesium?

Ans 1: 1- Magnesium is used in flashlight bulbs and in fireworks
2- It is used in the manufacture of light alloys

Q4. Why silver is not used in pure form?

Ans 1: Because the demand of silver for industrial purpose, etc. that's why silver is not used in pure form.

Q5. Write down the use of Sodium?

Ans 1: 1- Sodium-potassium alloy is used as a coolant in nuclear reactors.
2- It is used to produce yellow light in sodium vapour lamps

Q6. Write two uses of calcium?

Ans 1: 1- It is used to remove sulphur from petroleum products
2- It is used as a reducing agent to produce Cr, U and Zr

Q7. Name a metal which can be cut with a knife/

Ans 1: Sodium is that metal which can be cut with a knife, because it is soft.

Q8. Why is Calcium more electropositive than Magnesium?

Ans 1: Calcium is more electropositive than magnesium because its metallic character or electropositive character or electropositive character down the group increases due to loosely held electrons and can be easily withdrawn from their shells.

Q9. Why copper is used for making electrical wire ?

Ans 1: Metals are malleable and ductile copper is a metal which is ductile and can conduct electricity easily, So copper is used for making electrical wires:

Q10. Why nitrogen forms compounds with alkaline earth metals directly?

Ans 1: Alkaline earth metals form stable nitrides when heated with nitrogen.
