

## Metals & Non-Metals

### Intext Question

**Question 1**

Give an example of a metal which :

- (i) is a liquid at room temperature.
- (ii) can be easily cut with a knife.
- (iii) is the best conductor of heat.
- (iv) is a poor conductor of heat.

**Answer:**

- (i) Mercury
- (ii) Sodium
- (iii) Silver
- (iv) Lead

**Question 2**

Explain the meanings of malleable and ductile.

**Answer:**

Malleable: A metal that can be beaten into thin sheets on hammering is called malleable.

Ductile: A metal which can be drawn into thin wires is called ductile.

**Question 3**

Why is sodium kept immersed in kerosene oil ?

**Answer:**

Sodium is highly reactive. So it is kept immersed in kerosene oil to prevent its reaction with oxygen, moisture and carbon dioxide of air to prevent accidental fires.

**Question 4**

Write equations for the reactions of

- (i) iron with steam.
- (ii) calcium and potassium with water.

**Answer:**