

Metals & Non-Metals Intext Question
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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: