



# CHEMISTRY

## BOOKS - PSEB

### MATERIALS: METALS AND NON- METALS

#### Exercise

1. Which of the following can be beaten into thin sheets?

A. Zinc

B. Phosphorus

C. Phosphorus

D. Oxygen

**Answer:**



**Watch Video Solution**

2. Which one of the following statements is correct?

- A. All metals are ductile.
- B. All non-metals are ductile
- C. Generally, metals are ductile
- D. Some non-metals are ductile.

**Answer:**



**Watch Video Solution**

3. Fill in the blanks. Phosphorus is a very  
.....non - metal



 [Watch Video Solution](#)

4. Fill in the blanks. Metals are .....  
conductors of heat and.....



[Watch Video Solution](#)

5. Fill in the blanks. Iron is ..... Reactive  
than copper.



[Watch Video Solution](#)

6. Mark 'T' if the statement is true and 'F' if the statement is false. Sodium is very reactive metal. ( )



[Watch Video Solution](#)

7. Mark 'T' if the statement is true and 'F' if the statement is false. Copper displaces zinc from zinc sulphate solution. ( )



[Watch Video Solution](#)

8. Mark 'T' if the statement is true and 'F' if the statement is false. Coal can be drawn into wires. ( )



[Watch Video Solution](#)

9. Some properties are listed in the following table. Distinguish between metals and non-metals on the basis of these properties.

Properties	Metals	Non-metals
1. Appearance		
2. Hardness		
3. Malleability		
4. Ductility		
5. Heat Conduction		
6. Conduction of Electricity		

 [Watch Video Solution](#)

**10.** Give reasons for the following : Immersion rods for heating liquids are made up of metallic substances.

 [Watch Video Solution](#)

**11.** Give reasons for the following : Copper cannot displace zinc from its salt solution..

 [Watch Video Solution](#)

**12.** Give reasons for the following : Sodium and pottasium are stored in kerosene.



**Watch Video Solution**

**13.** Can you store lemon pickle in an aluminium utensil? Explain.



**Watch Video Solution**



**14.** What happens when: Dilute sulphuric acid is poured on a copper plate?



**Watch Video Solution**

**15.** What happens when: Iron nails are placed in a copper sulphate solution ? Write word equation of the reaction involved.



**Watch Video Solution**

**16.** Saloni took a piece of burning charcoal and collected the gas evolved in test tube How will she find the nature of gas ?.



**Watch Video Solution**

**17.** Saloni took a piece of burning charcoal and collected the gas evolved in test tube Write down word equations of all the reactions taking place in this process.



**Watch Video Solution**

**18.** One day Reeta went to a jeweller 's shop with her mother. Her mother gave old gold jewellery to the goldsmith to polish . Next day when they brought the jewellery back, they found that there was a slight loss in its weight. Can you suggest reason for the loss in weight?



**Watch Video Solution**