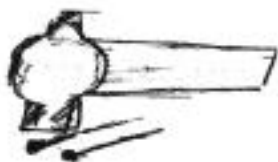


L-4

Materials : Metals and Non-Metals

1. Following diagrams explain which Properties of metals .

Beating iron nail with hammer



Passing electricity through any Material



2. Complete the following table --

	Materials	Conductor / Insulator
1)	Iron Rod	
2)	Sulphur	
3)	Coal Piece	
4)	Aluminium Wire	
5)	Wood	
6)	Rubber	
7)	Pencil lead	
8)	Salt solution	

3. Which gas burns with a pop sound

- a) Hydrogen b) Nitrogen
c) Oxygen d) Carbondioxide

4. The property of metals, due to which they can drawn into wires.

- a) Conductance b) Sonorous
c) Ductility d) Malleability

5. Nature of metal oxide is :

- a) Basic b) Acidic
c) Neutral d) None of these

6. Non- metal, solution of which is used as an antiseptic on wounds.

- a) Potassium Dichromate b) Potassium permanganate
c) Sodium chloride d) Copper Sulphate

7. Name the following type of reaction :-

Copper sulphate (CuSO_4) + Zinc (Zn) = Zinc Sulphate (ZnSO_4) + Cu (Copper)
_____ (Displacement / addition)

8. Write any three differences between metals and non-metals on the basis of following characters -

Property	Metal	Non-Metal
1) Appearance	_____	_____
2) Conduction of heat	_____	_____
3) Malleability	_____	_____
4) Ductility	_____	_____

Write one word for the following :

- i) Materials having properties of both metals and non-metals _____.
ii) The property of metals due to which they produce sound _____.
iii) The property of metals due to which they can be beaten into sheets _____.
iv) Nature of metal oxides is _____.
v) The property of metals by virtue of which they can be drawn into wires _____.