

METALS AND NON-METALS

- Generally which metallic wire is used in our household circuits.
A. Silver B. Copper C. Iron D. Gold
- Which material does not conduct electricity?
A. Iron B. Silver C. Sulphur D. Copper
- Which handle is not suitable for electric iron?
A. Plastic B. Wooden C. Rubber D. Iron
- Define electric conductor.
- Give example for conductors.
- Why metals are not used as handles for electric appliances?
- Which object is generally used to test electricity in our house?

1. We now know some of the physical properties in various metals. On the basis of the knowledge complete the following table. Write YES or NO according to their property.

Material sample	Lustrous	Sonorous	Heat conductivity	Electric conductivity	Malleable	ductile
Iron						
Zinc						
Copper						
Sulphur						
Aluminium						
Carbon						
Magnesium						
Iodine						

- By which property, metals transfer heat from one end to other end?
A. Radiation B. Induction C. Conduction D. Convection
- Which of the below has highest conductivity of heat?
A. Copper B. Sodium C. Zinc D. Magnesium
- Which of the below material is not fit for the handle of cooking vessel?
A. Wooden B. Steel C. Plastic D. Rubber
- How the heat conductivity property useful in daily life?
 - To prevent rust, iron is mixed with
A. Zinc B. Sulphur C. Magnesium D. Copper
 - The substance that mixes with iodine to form tincture iodine.
A. Acid B. Alkali C. Alcohol D. Water
 - The metal in ferric oxide is
A. Copper B. Zinc C. Aluminium D. Iron
 - The nature of metallic oxide
A. Acidic B. Neutral C. Basic D. Dual
 - The nature of carbon dioxide is (Carbon is a non metal).....
A) Acidic B) Basic
C) Neutral D) Dual nature
 - The best example for metal which does not rust is.....
A) Iron B) silver
C) Gold D) Copper
 - Which of the following is correct in the case of solution formed when sodium reacts with water []
A) Solution turns blue litmus to red
B) Solution turns red litmus to blue
C) Solution turns blue litmus to pink
D) Solution can't change the colour of any litmus paper
 - Which of the following does not react with water..... []
A) Iron B) zinc
C) sulphur D) sodium