

1. Why is it not advisable to store silver nitrate solution in copper vessel?

Ans : Copper is more reactive than silver therefore it will react with silver nitrate solution and displaces silver from silver nitrate solution.

2. Why immersion rods for heating liquids are made up of metals?

Ans: Immersion rods for heating liquids are made up of metals because metals are good conductors of heat and electricity.

3. Gold and silver are used to make jewellery. Why ?

Ans: Gold and silver are used to make jewellery because they are highly malleable and ductile and retain their shine as they are non-reactive in nature.

4. Define the term ductility.

Ans : It is the property of metals due to which they can be drawn into wires.

5. Define the term malleability.

Ans: It is the property of metals due to which they can be beaten into sheets by hammering or by applying pressure.

6. Zinc can displace copper from its salt solution. Why ?

Ans: Zinc can displace copper from its salt solution because zinc is more reactive than copper.

7. Why cooking utensils are made up of metals ?

Ans: Cooking utensils are made up of metals because metals are good conductors of heat.

8. Name two soft metals that can be cut with knife.

Ans : Sodium and Potassium

9. Which non-metal is used to kill germs in water purification process?

Ans : Chlorine

10. Which metal is used in making an ordinary thermometer to read temperature?

Ans: Mercury