## THIRUVANANTHAPURAM EDUCATIONAL DISTRICT CWX3(1) EM STD X CHEMISTRY CHAPTER3 MODULE1

## 1.Classify the following elements into metals and nonmetals? sodium,carbon, potassium, oxygen, magnesium, chlorine iron,gold,sulphur,copper,zinc, nitrogen,silver

Metals	Nonmetals
•	
•	
2.	



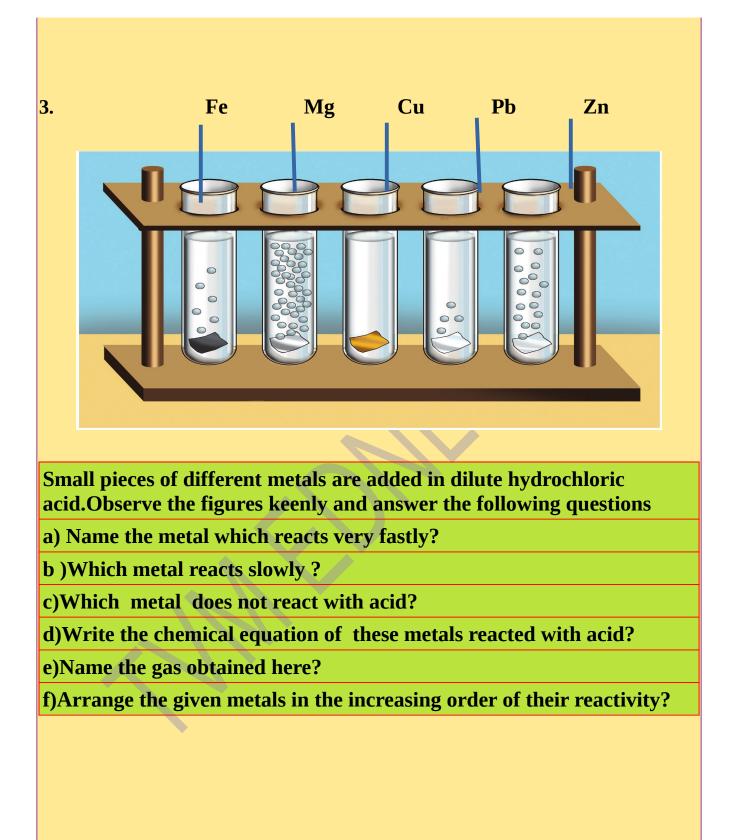
sodium is added to water mixed with phenolphthalene



copper is added to water mixed with phenolphthalene

Sodium reacts vigorously with water in the beaker and turns to pink colour but there is no change with copper. What may be the reason?

Prepared by : Team Chemistry, Thiruvananthapuram Educational District



It can be seen that the lustre of alumunium vessels diminishes as time passes by.In the case of copper vessels, it takes months for the loss of its lusture by the formation of verdigris.Does the shining of gold fade even after a long time?Give reason?



## REACTIVITY SERIES

Potassium	K	most reactive
Sodium	Na	
Calcium	Ca	
Magnesium	Mg	
Aluminium	Al	
Zinc	Zn	
Iron	Fe	
Nickel	Ni	
Tin	Sn	
Lead	Pb	
Hydrogen	H	
Copper	Cu	
Silver	Ag	
Gold	Au	least reactive

Prepared by : Team Chemistry, Thiruvananthapuram Educational District visit www.shenischool.in or whatsapp 7012498606