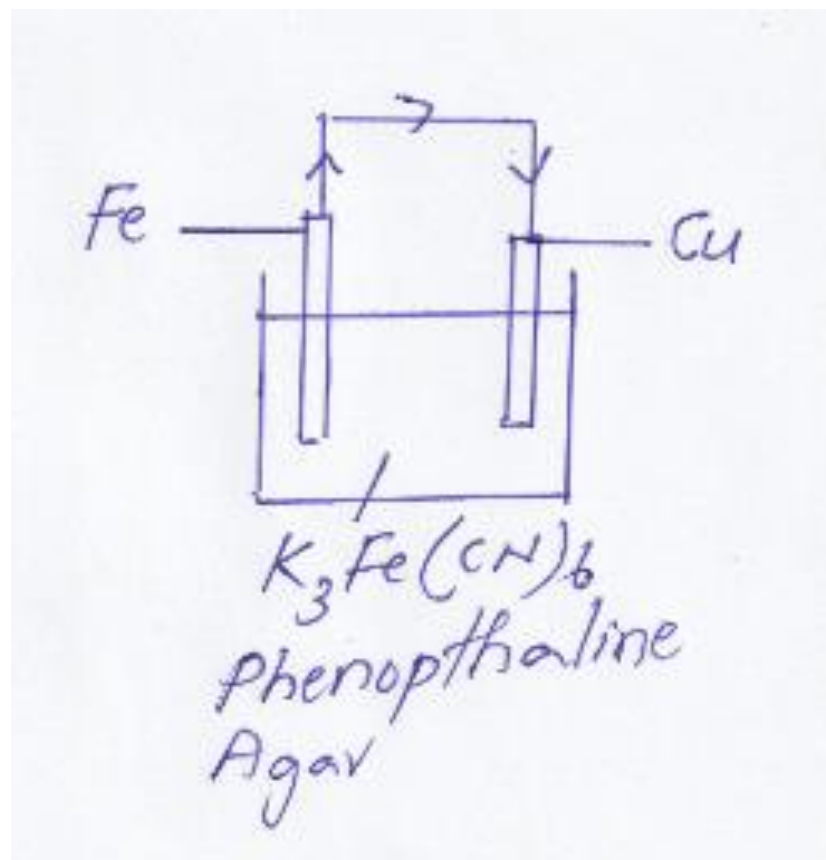


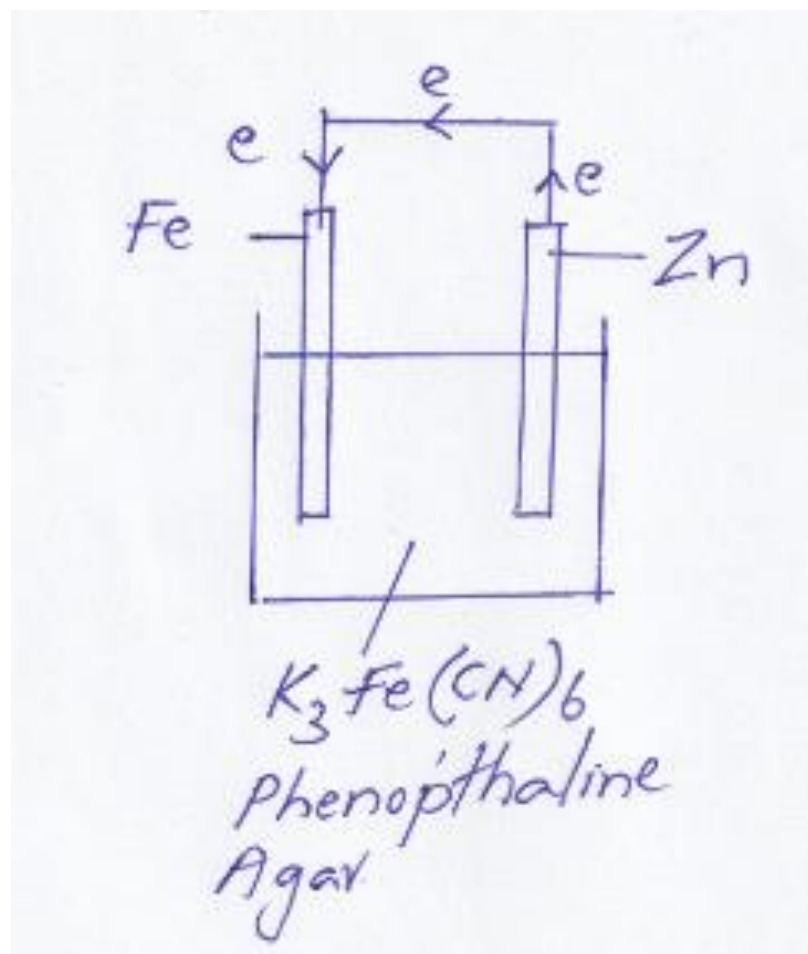
## Effect of other metals on corrosion of iron



- 1) ..... is more reactive than .....
- 2) Therefore ..... will give out electrons and become .....  
.....  $\rightarrow$  ..... + .....
- 3) The reactions which give out ..... are called ..... Reaction.
- 4) Therefore .....  $\rightarrow$  ..... + ..... is the ..... reaction.
- 5) ..... Reactions happen near .....
- 6) Therefore ..... is the ..... metal
- 7) The ..... reaction is .....  $\rightarrow$  ..... + .....

- 8)  $K_3Fe(CN)_6$  gives ..... colour when ..... is present.
- 9) Therefore there will be ..... colour around ..... metal in .....
- 10) The ..... given out by ..... will flow through the wire to .....
- 11) These ..... will be accepted by ..... and ..... in ..... and produce  
.....  
..... + ..... + .....  $\rightarrow$  .....
- 12) The reactions which accept ..... are called ..... reaction.
- 13) Therefore the ..... reaction is ..... + ..... + .....  $\rightarrow$  .....
- 14) ..... reactions occur near .....
- 15) Therefore ..... is the ..... metal.
- 16) The ..... reaction will be ..... + ..... + .....  $\rightarrow$  .....
- 17) Phenolphthalein will become ..... colour when ..... is present.
- 18) Therefore there will be ..... colour near ..... where ..... meets .....
- Pink colour occur near the ..... reactive metal
  - Blue colour will occur near ..... if ..... is the ..... reactive metal

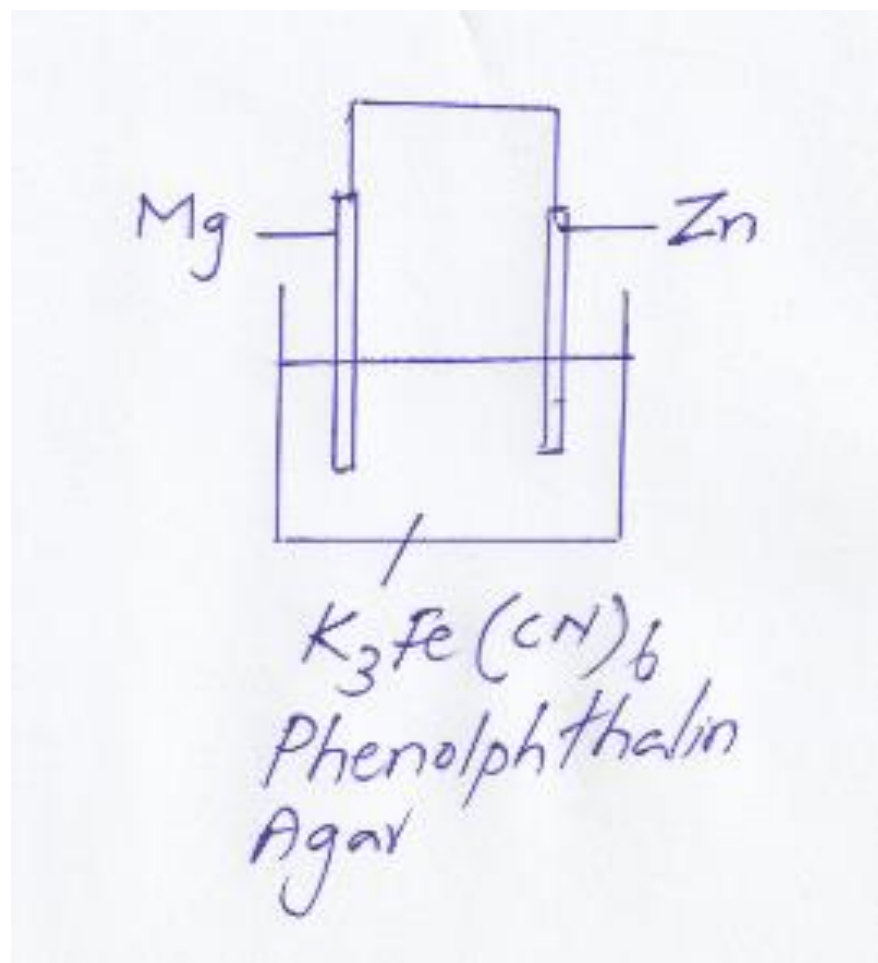
Therefore  $Fe > Cu$



- 1) ..... is more reactive than .....
- 2) Therefore ..... will give out electrons and become .....  
..... → ..... + .....
- 3) The reactions which give out ..... are called ..... Reaction.
- 4) Therefore ..... → ..... + ..... is the ..... reaction.
- 5) ..... reactions happen near .....
- 6) Therefore ..... is the ..... metal
- 7) The ..... reaction is ..... → ..... + .....

- 8) The ..... given out by ..... will flow through the wire to .....
- 9) These ..... will be accepted by ..... and ..... in ..... and produce  
.....  
..... + ..... + ..... → .....
- 10) The reactions which accept ..... are called ..... reaction.
- 11) Therefore the ..... reaction is ..... + ..... + ..... → .....
- 12) ..... reactions occur near .....
- 13) Therefore ..... is the ..... metal.
- 14) The ..... reaction will be ..... + ..... + ..... → .....
- 15) Phenolphthalein will become ..... colour when ..... is present.
- 16) Therefore there will be ..... colour near ..... where ..... meets .....
- 17) Since ..... was the lesser reactive metal, ..... Will not give out ..... And become .....
- 18) Since there are no ..... around ....., there will be no ..... formed near .....
- Pink colour occur near the ..... reactive metal

Therefore  $Zn > Fe$

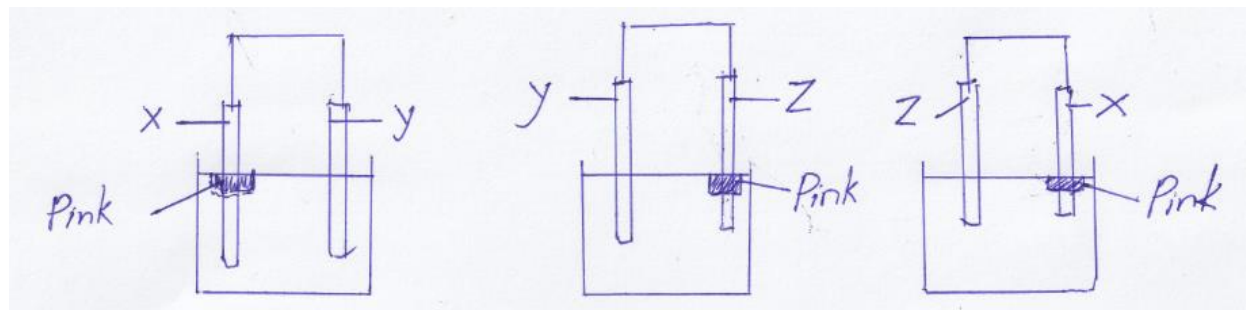


- 1) ..... is more reactive than .....
- 2) Therefore ..... will give out electrons and become .....  
 .....  $\rightarrow$  ..... + .....
- 3) The reactions which give out ..... are called ..... Reaction.
- 4) Therefore .....  $\rightarrow$  ..... + ..... is the ..... reaction.
- 5) ..... reactions happen near .....
- 6) Therefore ..... is the ..... metal
- 7) The ..... reaction is .....  $\rightarrow$  ..... + .....

- 8) The ..... given out by ..... will flow through the wire to .....
- 9) These ..... will be accepted by ..... and ..... in ..... and produce  
.....  
..... + ..... + ..... → .....
- 10) The reactions which accept ..... are called ..... reaction.
- 11) Therefore the ..... reaction is ..... + ..... + ..... → .....
- 12) ..... reactions occur near .....
- 13) Therefore ..... is the ..... metal.
- 14) The ..... reaction will be ..... + ..... + ..... → .....
- 15) Phenolphthalein will become ..... colour when ..... is present.
- 16) Therefore there will be ..... colour near ..... where ..... meets .....
- 17) Since there was no ..... there will be no ..... colour
- Pink colour occurs near the ..... reactive metal

Therefore  $Mg > Zn$

Arrange X Y X according to the descending order of reactivity



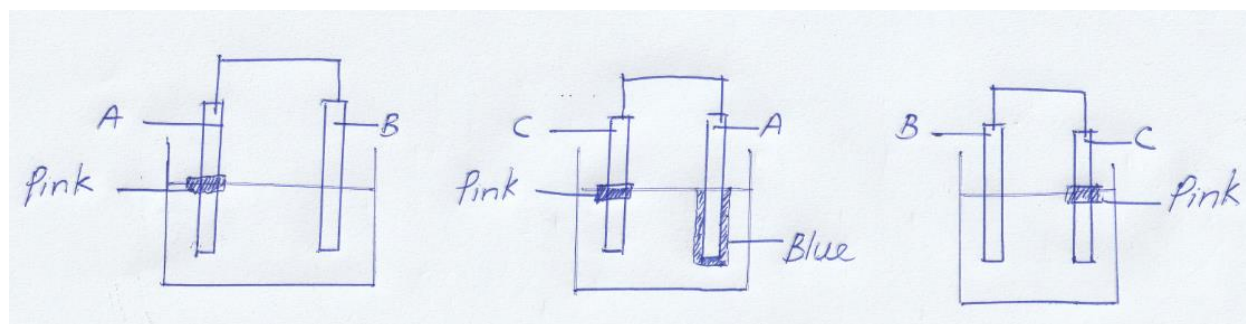
- 1) In setup 1, there is ..... colour near .....
- 2) ..... colour produces near the ..... reactive metal.
- 3) Therefore ..... is ..... reactive than .....
- 4) In setup 2, there is ..... colour near .....
- 5) ..... colour produces near the ..... reactive metal.
- 6) Therefore ..... is ..... reactive than .....
- 7) In setup 3, there is ..... colour near .....
- 8) ..... colour produces near the ..... reactive metal.
- 9) Therefore ..... is ..... reactive than .....

Setup 1 = ..... > .....

Setup 2 = ..... > .....

Setup 3 = ..... > .....

Therefore ..... > ..... > .....



- 1) In setup 1, there is ..... colour near .....
- 2) ..... colour produces near the ..... reactive metal.
- 3) Therefore ..... is ..... reactive than .....
- 4) In setup 2, there is ..... colour near .....
- 5) ..... colour produces near the ..... reactive metal.
- 6) Therefore ..... is ..... reactive than .....
- 7) Since ..... is produced near A, it is metal .....
- 8) In setup 3, there is ..... colour near .....
- 9) ..... colour produces near the ..... reactive metal.
- 10) Therefore ..... is ..... reactive than .....

Setup 1 = ..... > .....

Setup 2 = ..... > .....

Setup 3 = ..... > .....

Mg =

Fe =

Cu =



Channa Asela