

CLASS – 10TH
SUBJECT- SCIENCE

DATE : 24/7/2020

- ❖ Good morning dear students.
- ❖ I Hope you are safe and healthy at your home.
- ❖ Dear students today we will discuss about 'Reaction of metals with other metal salts.'
- ❖ Do these notes in your fair note book.
- ❖ Students Your work should be Neat and clean.

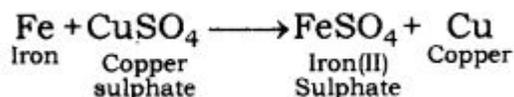
CHAPTER – 3 METALS AND NON- METALS

4. Reaction of metals with solution of other metal salts: Reaction of metals with the solution of other metal salt is displacement reaction. In this reaction, more reactive metal displaces the less reactive metal from its salt.

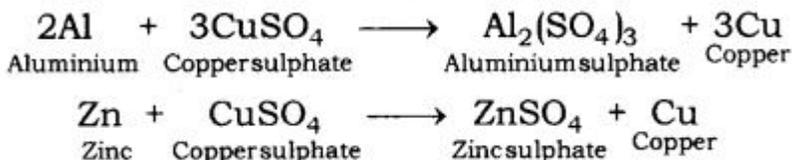
Metal A + Salt of metal B → Salt of metal A + Metal B

Examples :

Iron displaces copper from copper sulphate solution.

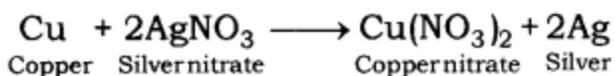


Similarly, aluminium and zinc displace copper from the solution of copper sulphate.



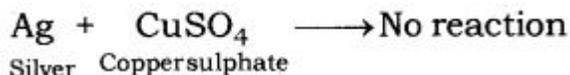
In all the above examples, iron, aluminium and zinc are more reactive than copper. This is why they displace copper from its salt solution.

When copper is dipped in the solution of silver nitrate, it displaces silver and forms copper nitrate.

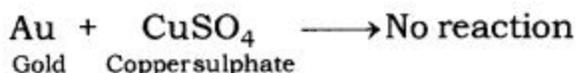


In the reaction, copper is more reactive than silver and hence, displaces silver from silver nitrate solution.

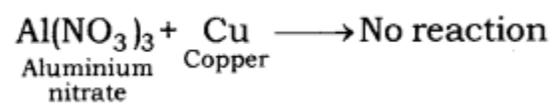
Silver metal does not react with copper sulphate solution because silver is less reactive than copper and not able to displace copper from its salt solution.



Similarly, when gold is dipped in the solution of copper nitrate, no reaction takes place because copper is more reactive than gold.



In similar way, no reaction takes place when copper is dipped in the solution of aluminium nitrate because copper is less reactive than aluminium.



M.D. SENIOR SECONDRY SCHOOL-MANKROLA(GRG)

HOMEWORK FILE

CLASS-X

SUBJECT-ENGLISH

DATED-24-07-20

Textbook Que-Ans- 7. The Necklace

Question 1.

What kind of a person is Mme Loisel and why is she always unhappy?

Answer:

Mme Loisel is young, pretty, ordinary but discontented woman. She is of a humble background but dreams of riches and comforts. She is proud of her beauty and wants to be admired. Her meagre resources are not enough to satisfy her expensive cravings making her angry all the time.

Question 2.

What kind of a person is her husband?

Answer:

Her husband M Loisel, is an ordinary and average young man. A mere clerk by profession, he is still contented with his job. Also, he is a caring man as he is excited to show the dinner invitation to his wife.

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Question 3.

What fresh problem now disturbs Mme Loisel?

Answer:

After spending a fortune on a beautiful dress, Mme Loisel is faced with yet another disaster. She frets over the fact that she does not have a beautiful jewel to go with her dress. So, she asks her husband to pass on the invitation to someone else.

Question 4.

How is the problem solved?

Answer:

Matilda Loisel's husband, M. Loisel, comes to her rescue. First, he suggests her to wear fresh flowers. Matilda just mocked at the idea. Then, he advises her to borrow some jewels from her rich friend, Mme Forestier. Thus, the problem is solved as Mme Forestier lends her a beautiful diamond necklace.

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Question 5.

What do Mr and Mme Loisel do next?

Answer:

The Loisels leave no stone unturned. M. Loisel goes back and searches to the lost necklace. Then, he goes to the police and to the cab offices. Also, they put out an advertisement in the newspapers and offer a reward to anyone who finds the necklace. But, all their efforts go in vain.

Question 6.

How do they replace the necklace?

Answer:

After all other efforts fail, Loisel's decide to buy a new dential necklace to replace the lost one. M. Loisel pooled in eighteen thousand francs of his inheritance and borrowed the rest. Then the couple managed to buy the new necklace for thirty six thousand francs and returned it to the rightful Owner.

Think About It (Page 46)

Question 1.

The course of the Loisel's life changed due to the necklace. Comment.

Answer:

It takes Loisels a decade to pay back the money they borrowed to buy the necklace. And, it changed everything for them. They had to move to the poorest quarters of the city. With no maids or assistance, Matilda had to cook, clean, mend, sew, bargain with the grocer and butcher to save every sou just for mere survival. The husband had to work in the evening and night to pay their debt. In this way, the course of the Loisel's life changed due to the necklace.

Question 2.

What was the cause of Matilda's ruin? How could she have avoided it?

Answer:

Matilda's pride and her materialistic aspirations coupled with her dishonesty pave the way for her ruin. She could have avoided it by learning to accept her current situation and being content with what she had.

Question 3.

What would have happened to Matilda if she had confessed to her friend that she had lost her necklace?

Answer:

Truth and honesty would have saved Matilda from her doom. If only she has been courageous enough to confess to her friend the truth of the necklace, she would have come to know that it was a fake one that cost a mere five hundred francs. She would not have Spent her husband's entire inheritance and borrowed eighteen thousand francs to pay for its replacement. In fact, she would have saved herself and her husband from ten long years of crushing poverty, misery and back breaking labour

Question 4.

If you were caught in a situation like this, how would you have dealt with it?

Answer:

Foremost of all, I would have done my best not to become a victim of my own pride and aspirations. If, I was caught in such a situation, I would have let the truth out and then face the consequences. Honesty would have been the way out for me.

Chapter-3 Nationalism in India

Learn question/answer of this chapter for class test. Complete your writing work.