

Science Worksheet
Class VII
L- Physical and Chemical Changes

Q.1 What happens when magnesium ribbon is burnt in the presence of air?

Q.2 What happens when the ash obtained in the above case is dissolved in water?

Q.3 Why do iron objects develop a reddish-brown layer on their surface on exposure to moist air?

Q.4 Mention two conditions required for the process of rusting to occur.

Q.5 What happens when Vinegar is added to Baking soda?

Q.6 What happens when the gas evolved in the above case is passed through lime water?

Q.7 Why do exposed cut surfaces of fruits and vegetables turn brown?

Q.8 Why does stainless steel not rust?

Q.9 Why does a fraction of ship's iron have to be replaced every year?

Q.10 Write some methods to prevent rusting.

Q.11 Complete the equations given below:

a) Magnesium + Oxygen \rightarrow _____

b) Carbon dioxide + Lime water \rightarrow _____

c) Magnesium oxide + Water \rightarrow _____

d) Copper sulphate + Iron \rightarrow _____

e) Iron + Oxygen + Water \rightarrow _____

Q.12 What is rust? How is it formed?
