

# Rusting and its Prevention

## 1. Fill in the blanks

- A. For rusting, the presence of both \_\_\_\_\_ and \_\_\_\_\_ is essential.
- B. Applying a coat of \_\_\_\_\_ or \_\_\_\_\_ can help prevent rusting.
- C. The salt water makes the process of rust formation \_\_\_\_\_.
- D. Stainless steel is made by mixing iron with \_\_\_\_\_ and metals like \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
- E. The iron pipes we use in our homes to carry water are \_\_\_\_\_ to prevent rusting.

## 2. True or false

- A. If you leave a piece of iron in the open for some time, it doesn't acquire rust.
- B. Rust and iron is the same thing.
- C. If the content of moisture in air is low, rusting becomes faster.
- D. Rusting can take place on any metal.
- E. Depositing a layer of metals like chromium or zinc on iron can prevent rusting.

## 3. Match the following:-

| Column A           | Column B       |
|--------------------|----------------|
| I. Stainless steel | A. Zinc        |
| II. Galvanization  | B. Rust        |
| III. Iron          | C. Do not rust |

**4. Answer the following questions**

- A. What is rust? Explain with examples
- B. What are the things that are essential for rusting?
- C. What is the substance which is created by rusting? Provide the equation
- D. Why is rusting more common in coastal areas?
- E. How can we prevent rusting?
- F. What is galvanization?