

## **PART-A**

1. Define Corrosion.
2. What is Paint?
3. Define plastic.
4. Give the chemical name of natural rubber.

## **PART-B**

- 5(a). List any six constituents of a paint.  
----- OR -----
- 5(b). Explain the Concentration cell formed during corrosion.
- 6(a). List any six characteristics of plastics.  
----- OR -----
- 6(b). Explain any three effects of plastics on environment.

## **PART-C**

- 7(a). Explain Anodic coating and cathodic coating with an example each.  
----- OR -----
- 7(b). Explain mechanism of Rusting of iron with chemical equations.
- 8(a). Identify any five differences between thermoplastics and thermosetting plastics.  
----- OR -----
- 8(b). Explain addition polymerization and condensation polymerization with an example each.