2. **SYNTHETIC MATERIALS**

1. What are synthetic materials?

Ans Materials made by combining different chemicals are called synthetic materials.

2. What are plastics?

Ans Plastics are a type of synthetic material that can be moulded into any shape by applying heat and pressure.

3. Describe the advantages of plastics.

Ans 1. It is easy to mould plastic into different shapes by heating.

2. Plastics last long and do not wear out easily.

3. Plastics are low-cost and easily available.

4. They are light-weight.

5. They are resistant to electricity.

6. Most plastics can be recycled.

4. State a major disadvantage of plastics.

Ans A major drawback of plastics is that they do not decay naturally with time. They are non-biodegradable. Discarded plastic objects thrown on the ground or dumped into oceans stay there for many years. They affect the fertility of soil and the health of aquatic life.