

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Synthetic Fibres and Plastics

Q1. What is PET? Write its uses.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. Give the composition of Polycot and Polywool.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. "Tin, aluminium and other metal can are considered non-biodegradable."  
Give reason.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. Give two uses of rayon.

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q5. Suggest some ways in which we can contribute towards reducing the use of plastic materials?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q6. Why are the chemicals in the laboratory stored in plastic containers?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Synthetic Fibres and Plastics

Q1. What is PET? Write its uses.

Ans. PET is a very familiar form of polyester. It is used for making bottles, utensils, films, wires and many other useful products.

Q2. Give the composition of Polycot and Polywool.

Ans. Polycot is a mixture of polyester and cotton.

Polywool is a mixture of polyester and wool.

Q3. "Tin, aluminium and other metal can are considered non-biodegradable." Give reason.

Ans. Tin, aluminium and other metal can are considered non-biodegradable because they approximately take 100 to 500 years to degenerate.

Q4. Give two uses of rayon.

Ans. Uses rayon

- i. It is mixed with cotton to make bed sheets.
- ii. It is mixed with wool to make carpets.

Q5. Suggest some ways in which we can contribute towards reducing the use of plastic materials?

Ans. Ways to reduce use of plastic materials

- i. Avoid the use of plastics as far as possible.
- ii. Make use of bags made of cotton or jute when you go for shopping.

Q6. Why are the chemicals in the laboratory stored in plastic containers?

Ans. Plastics do not react with water and air. They are not corroded easily. That is why they are used to store various kinds of material, including many chemicals.