

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

Synthetic Fibres and Plastics

Q1. Why is nylon used for making parachutes and ropes for rock climbing?

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

Q2. What is polymer?

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

Q3. Define petrochemicals.

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

Q4. Why should we use a cotton carry bag or jute bag while going for shopping?

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

Q5. Why plastic articles are available in all shape and size?

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

Q6. Why is teflon used for nonstick coating on cookwares?

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

Q7. Explain why plastic containers are favoured for storing food.

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

## Synthetic Fibres and Plastics

Q1. Why is nylon used for making parachutes and ropes for rock climbing?

Ans. Nylon is used for making parachutes and ropes for rock climbing because nylon fibre is strong and can hold heavy weight.

Q2. What is polymer?

Ans. Synthetic fibres and plastics, like natural fibres, are made of very large units called polymers. Polymers are made up of many smaller units.

Q3. Define petrochemicals.

Ans. All the synthetic fibres are prepared by a number of processes using raw materials of petroleum origin, called petrochemicals.

Q4. Why should we use a cotton carry bag or jute bag while going for shopping?

Ans. We should use cotton or jute bags while going for shopping in order to minimise the use of plastic bags.

Q5. Why plastic articles are available in all shape and size?

Ans. Plastic articles are available in all possible shapes and sizes because plastic is easily mouldable i.e. can be shaped in any form.

Q6. Why is teflon used for nonstick coating on cookwares?

Ans. Teflon is used for nonstick coating on cookwares because it is a special plastic on which oil and water do not stick.

Q7. Explain why plastic containers are favoured for storing food.

Ans. Plastic containers are favoured for storing food because of their light weight, lower price, good strength and easy handling.