

Class: VIII

Subject: Chemistry



SYNTHETIC FIBRES AND PLASTICS HOLIDAY HOMEWORK - 2019-20

I. Answer the following :

1. Name the first fully synthetic fibre.
2. Define polymerisation.
3. Differentiate between natural and synthetic fibres with two examples each.
4. Which monomer is the repeating unit in cellulose.
5. How are synthetic fibres different from natural fibres in terms of :
 - a) strength
 - b) water absorption.
 - c) wrinkle resistance.
6. Why is Nylon used for making parachutes?
7. Why is Nylon suitable for making swimwear?
8. What are blended fibres? Give an example.
9. What is the repeating unit in polyester?
10. Why clothes made of synthetic fibres are not comfortable?
11. What are petrochemicals?
12. Give reason: One should not wear synthetic clothes while working in kitchen.
13. What is meant by tensile strength of a fibre?
14. Synthetic fibres are used not only for clothing but also for many other purposes. Discuss.
15. A lady went to the market to buy a blanket, the shopkeeper showed her blankets made of acrylic fibres as well as made of wool. She preferred to buy an acrylic blanket. Can you guess why?

Social Science

Geography Lesson1: Resources

- Flowchart with divisions
- Classification of Resources
- Conservation of Resources
- Explain each of the classification with pictures