

CHAPTER: SYNTHETIC FIBRES AND PLASTICS

Q1. What are integrated or blended fibres? Give examples.

Q2. Why are plastics preferred to natural materials?

Q3. What are the 4 R's in the 4R principle stand for? Explain each.

Q4. Expand PVC, PTFE, PET.

Q5. State True or False.

- a) Polyester shrinks on washing.
- b) Plastics are not affected by heat.
- c) Acrylic is pure wool obtained from sheep.
- d) Bakelite is a thermoplastic.
- e) PVC is a good conductor of electricity.

Q6. Compare between the following:

- a) Thermoplastic and thermosetting plastics.
- b) Synthetic and natural fibres.
- c) Biodegradable and non-biodegradable substances.
- d) Monomers and polymers
- e) Rayon and Nylon.

Q7. Name the monomeric unit of the following

- a) Cellulose
- b) Polyester
- c) Acrylic
- d) Nylon

Q8. State two advantages and two disadvantages of the following

- a) Synthetic fibres
- b) Plastics