



SCIENCE

CH:3- SYNTHETIC FIBRES AND PLASTICS

Name: _____

Date: _____

Class: VIII Sec: ____

I Multiple Choice Questions

1. Pick the synthetic fibre out of the following?
(a) Cotton (b) Nylon (c) Jute (d) Wool
2. Which of the following is a source of rayon?
(a) Wool (b) PET (c) Wood pulp (d) Silk
3. Which is a thermosetting plastic?
(a) Melamine (b) Polythene (c) PVC (d) Nylon
4. The most suitable material for the preparation of handles of cooking utensils is
(a) Polythene (b) PVC (c) Nylon (d) Bakelite

II Fill in the blanks :-

- 5 Rayon is prepared from _____
- 6 Polythene is prepared from _____.
- 7 Nylon is prepared from simple chemicals obtained from _____.
- 8 Polyester is made from _____ products.
- 9 _____ is called a regenerated fibre.
- 10 How are plastics good as well as bad to us?
- 11 Why rayon is called a regenerated fibre?
- 12 A bucket made of plastic does not rust like a bucket made of iron. Why?
- 13 Why is it not advisable to burn plastic and synthetic fabrics?
- 14 Rohit took with him some nylon ropes, when he was going for rock climbing. Can you tell why he selected nylon ropes instead of ropes made of cotton or jute?
- 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?
- 16 PVC (polyvinyl chloride) is a thermoplastic and is used for making toys, chappals, etc. Bakelite is a thermosetting plastic and is used for making electrical switches, handles of various utensils, etc. Write the major difference between these two types of plastics by using the hints?