

## CHAPTER-3: SYNTHETIC FIBRES AND PLASTICS

### MULTIPLE CHOICE QUESTIONS

1. Pick the synthetic fibre out of the following?  
(a) Cotton (c) Jute (b) Nylon (d) Wool
2. Which of the following is a source of rayon?  
(a) Wool (c) Wood pulp (b) PET (d) Silk
3. Polycot is obtained by mixing  
(a) nylon and wool (c) nylon and cotton (b) polyester and wool (d) polyester and cotton
4. Which is a thermosetting plastic?  
(a) Melamine (c) PVC (b) Polythene (d) Nylon
5. The material similar to silk in appearance is  
(a) Nylon (c) Polyester (b) Rayon (d) Terylene
6. The most suitable material for the preparation of handles of cooking utensils is  
(a) Polythene (c) Nylon (b) PVC (d) Bakelite
7. Which of the following is not a common property of plastics?  
(a) Non-reactive (c) Durable (b) Light in weight (d) Good conductor of electricity
8. Which of the following represents the correct match for items in Column A with those in Column B.

Column A	Column B
I. Nylon	(i) Thermoplastic
II. PVC	(ii) Thermosetting plastic
III. Bakelite	(iii) Fibre

9. Which of the following groups contain all synthetic substances?  
(a) Nylon, Terylene, Wool (b) Cotton, Polycot, Rayon  
(c) PVC, Polythene, Bakelite (d) Acrylic, Silk, Wool
10. The material which is commonly used for making kitchen containers is  
(a) PVC (c) Teflon (b) Acrylic (d) PET

11. Which is known as artificial fibre?

- a. Nylon      b. polyester      c. Rayon      d. Acrylic

12. Name a natural polymer used in the production of synthetic polymer rayon,

- a. glucose      b. sucrose      c. glycol      d. cellulose

13. A kind of thermosetting plastic is used in making floor tiles

- a. Bakelite      b. Melamine      c. Polythene      d. PVC

14. The expanded form of PVC is

- a. Poly Vinyl Chloride      b. Poly Vinyl Carbon      c. Poly Viscose Chloride      d. Poly Vinegar Chloride

15. Identify a non-biodegradable material from the following

- a. Cotton      b. Thermocole      c. egg shell      d. Fruit and vegetable peels