

**GSc. CLASS -VIII**

**Synthetic Fibres and Plastics**

**ASSIGNMENT No. 4**

**SA-I**

Q1. Fill in the blanks:-

1. Clothes are made up of \_\_\_\_\_ which are made from \_\_\_\_\_.
2. The polymer cellulose is made up of a large number of \_\_\_\_\_ units.
3. Silk fibre is obtained from \_\_\_\_\_ whereas artificial silk is obtained by chemical treatment of \_\_\_\_\_.
4. The polymer polyester is made up of repeating units of \_\_\_\_\_.
5. Synthetic fabrics soak \_\_\_\_\_ water than the natural fabrics and take \_\_\_\_\_ time to dry.(less/more)
6. Polythene which is used to make polythene bags is an example of a \_\_\_\_\_.
7. Iron rusts when it is exposed to \_\_\_\_\_ and \_\_\_\_\_.
8. Plastics do not react with \_\_\_\_\_ and \_\_\_\_\_.
9. Plastics are generally \_\_\_\_\_ than metals.
10. \_\_\_\_\_ is a special plastic on which oil and water do not stick.
11. Fire-proof plastics have a coating of \_\_\_\_\_ plastic on them to make them flame resistant.
12. We should always remember the 4R principle: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

Q2. Answer the following:

1. Define: i) a polymer ii) polyester iii) petrochemicals
2. Name a few synthetic fibres.
3. List the unique characteristics of synthetic fibres which make them popular dress materials.
4. Explain why plastic finds such a variety of uses.
5. Differentiate between thermoplastics and thermosetting plastics.
6. List the three characteristic properties of plastics.
7. What are the advantages of using a plastic container?
8. Why do electrical wires have plastic covering?
9. Why recycled plastic should not be used for storage of food?
10. Differentiate between a biodegradable and a non-biodegradable material.
11. Disposal of plastic is a major problem. Why?
12. List various ways by which we can reduce the use of plastic materials.
13. Anu and Manu go for shopping in the market and have chips, there is no dustbin around. What should they do with the empty packet of chips?

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