

Name: _____ Date: _____

Synthetic Fibres and Plastics

Q1. What type of cookware is used in microwave oven and why?

Ans. _____

Q2. How is plastic useful in healthcare industry?

Ans. _____

Q3. Why is melamine used for making floor tiles, kitchenware and fabrics which resist fire?

Ans. _____

Q4. Why electrical wires have plastic covering, and handles of screw drivers are made of plastic?

Ans. _____

Q5. Why should recycled plastic not be used for the storage of food?

Ans. _____

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Q1. What type of cookware is used in microwave oven and why?

Ans. Special plastic cookware is used in microwave ovens for cooking food. In microwave ovens, the heat cooks the food but does not affect the plastic vessel.

Q2. How is plastic useful in healthcare industry?

Ans. Plastics find extensive use in the health-care industry. Some examples of their use are the packaging of tablets, threads used for stitching wounds, syringes, doctors' gloves and a number of medical instruments.

Q3. Why is melamine used for making floor tiles, kitchenware and fabrics which resist fire?

Ans. Melamine is a versatile material. It resists fire and can tolerate heat better than other plastics. It is used for making floor tiles, kitchenware and fabrics which resist fire.

Q4. Why electrical wires have plastic covering, and handles of screw drivers are made of plastic?

Ans. Plastics are poor conductors of heat and electricity. That is why electrical wires have plastic covering, and handles of screw drivers are made of plastic.

Q5. Why should recycled plastic not be used for the storage of food?

Ans. Most of the thermoplastics can be recycled. However, during recycling certain colouring agents are added. This limits its usage especially for storage of food.