



CHEMISTRY

BOOKS - PSEB

SYNTHETIC FIBRES AND PLASTICS

Exercise

1. explain why iron sheets are coated with zinc layer?



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2. Mark correct for the correct answer.

Rayon is different from synthetic fibers because

A. it has a silk like appearance

B. it is obtained from wood pulp

C. its fibres can also be woven like those of
natural fibres.

D.

Answer:



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3. Fill in the blanks with appropriate words.

Synthetic fibres are also calledOr.....
Fibres.



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4. Fill in the blanks with appropriate words.

Synthetic fibres are synthesised from raw

material called



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5. Fill in the blanks

Like synthetic fibres, plastic is also a.....



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6. Give examples which indicate that nylon fibres are very strong .



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7. Explain why plastic containers are favoured for storing food.



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8. Write down differences between thermosetting polymers and thermoplastic polymers.



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9. Explain why the following are made of thermosetting plastics.

Saucepan Handles



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10. Explain why the following are made of thermosetting plastics.

Electric plugs/switches/plug boards



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11. Categorise the materials of the following products into 'can be recycled' and cannot be recycled'. Telephone instruments, plastic toys, cooker handles, carry bags, ball point pens, plastic bowls, plastic covering on electrical wires, plastic chairs, electric switches.



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12. Rana wants to buy shirts for summer. Should he buy cotton shirts or shirts made

from synthetic material? Advice Rana , giving your reason.



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13. Give examples to show that plastics are non -corrosive in nature.



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14. Should the handles and bristles of a toothbrush be made of the same material ?

Explain your answer.



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15. Avoid plastics as far as possible'. Comment on this advice.



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16. 'Manufacturing synthetic fibres is actually helping the conservation of forests'. Comment.



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17. Describe an activity to show that thermoplastic is a poor conductor of electricity.



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