

SYNTHETIC FIBRES AND PLASTICS

2. Arrange the following statements regarding preparation of Acrylic (Use the numbers 1,2,3,4 as order of preference)

In dry spinning, the dissolved polymers are extruded in to warm air



In wet spinning, polymers are dissolved and extruded into into a bath and dried out



Dry spinning/ wet spinning



It is made from a combination of Coal, air, water &lime stone.



3. Read the following statements. Tick the mark '√' for the correct statement and tick 'X' for the wrong statement.

Statement	Tick (√ or X)
Winter wear is made with acrylic.	
Acrylic fibre keeps our body cool.	
Rayon is made with sheep's hair (fleece).	
Sweaters are made with rayon.	

4. Correct the following statements.

- Acrylic is generally called as fake silk.
- Acrylic absorbs a lot of water.
- Acrylic is not used for making carpets.
- Natural wool is cheaper than the Acrylic.

2. Arrange the following statements regarding process of Polyester (give the order of preference by using numbers 1,2,3,4)

It is made by reacting terephthalic to dimethyl ether



Then with dihydric alcohol



It can be melted and spun



Polyester is a synthetic fibre



3. Observe the following statements. Write 'T' if it is true and write 'F' for False.

Statement	True / False
PET bottles are made with polyester	
Polyester cloths can be wrinkled	
It can be melted and spun	
We can make different shapes and sized material with polyester	
Dihydric alcohol, terephthalic acid, dimethyl ether are used to make polyester	

4. Correct the following statements.

- Terylene, Terriwool and Terricot are natural fibres.
- Terricot is the most popular polyester.
- Polyester does not catches fire easily.
- Polyesters are used to make carpets.
- Synthetic fibres are not durable.