

NCERT SOLUTIONS

CLASS - 6TH



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Class : 6th

Subject : Science

Chapter : 3

Chapter Name : FIBRE TO FABRIC

Q1 Classify the following fibres as natural or synthetic:

nylon, wool, cotton, silk, polyester, jute

Answer. Fibres that are obtained from nature, i.e., from plants and animals are called natural fibres and those made by humans by chemical methods are known as synthetic fibres. Wool and silk are obtained from animals and cotton and jute are obtained from plants. Hence, they are natural fibres. Nylon and polyester on the other hand are prepared artificially and are therefore synthetic fibres.

Page : 24 , Block Name : Exercise

Q2 State whether the following statements are true or false:

- a) Yarn is made from fibres.
- b) Spinning is a process of making fibres.
- c) Jute is the outer covering of coconut.
- d) The process of removing seed from cotton is called ginning.
- e) Weaving of yarn makes a piece of fabric.
- f) Silk fibre is obtained from the stem of a plant.
- g) Polyester is a natural fibre.

Answer. a) Yarn is made from fibre. (True)

b) Spinning is a process of making fibres. (False)

c) Jute is an outer covering of coconut. (False)

d) The process of removing seeds from cotton is called ginning. (True)

e) Weaving of yarn makes a piece of fabric. (True)

f) Silk fibre is obtained from the stem of a plant. (False)

g) Polyester is a natural fibre. (False)

Page : 24 , Block Name : Exercise

Q3 Fill in the blanks:

a) Plant fibres are obtained from _____ and _____ .

b) Animals fibres are _____ and _____ .

Answer. (a) Plant fibres are obtained from fruits and stems.

(b) Animal fibres are wool and silk.

Page : 24 , Block Name : Exercise

Q4 From which parts of the plant cotton and jute are obtained?

Answer. Cotton fibres are obtained from the fruit of cotton plants. The fruit of a cotton plant is known as cotton bolls. Jute fibres are obtained from the stem of jute plants.

Page : 24 , Block Name : Exercise

Q5 Name two items that are made from coconut fibre.

Answer. Two items that are made from coconut fibre are:

(i) Ropes

(ii) Baskets

Page : 24 , Block Name : Exercise

Q6 Explain the process of making yarn from fibre.

Answer. The process of making yarn from fibre is called spinning. The fibres are first drawn out from their source and then twisted into yarn. Two devices used in spinning are takli and charkha.

Page : 24 , Block Name : Exercise