

1. Classify the following fibres as natural or synthetic:

nylon, wool, cotton, silk, polyester, jute

2. State whether the following statements are true or false:

a) Yarn is made from fibres. T

b) Spinning is a process of making fibres. F

c) Jute is the outer covering of coconut. F

d) The process of removing seed from cotton is called ginning. T

e) Weaving of yarn makes a piece of fabric. T

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

g) Polyester is a natural fibre. F

3. Fill in the blanks:

a) Plant fibres are obtained from cotton and jute.

b) Animals fibres are wool and silk.

4. From which parts of the plant cotton and jute are obtained? cotton bolls

5. Name two items that are made from coconut fibre. Jute-stem

6. Explain the process of making yarn from fibre. Rope, mats

Yarns are made up of thin strands called fibres. The process of making yarn from fibres is called spinning.

SUGGESTED PROJECTS AND ACTIVITIES

1. Visit a nearby handloom or powerloom unit and observe the weaving or knitting of fabric.
2. Find out if any crop is grown in your region for obtaining fibre. If yes, what is it used for?
3. India has been a major producer of cotton and its fabric. India exports cotton fabrics and items to many other countries. Find out, how it helps us?

In this process, a mass of cotton wool are drawn out and twisted. They bring the fibres together to form yarn.

Some extra Questions & Answers

Match the following

- 'A'
- (a) wool
 - (b) Nylon
 - (c) yarn
 - (d) fabric
 - (e) Dress

- 'B'
- Synthetic fibre (b)
 - Spinning (d)
 - Natural fibre (a)
 - fabric (e)
 - weaving (c)

Name the following

(a) The device used by Mahatma Gandhi for spinning.
Ans: Charkha

(b) The stem which is immersed in water for a few days to separate fibre.
Ans: Flax

(c) The process of separating seeds from cotton bolls.
Ans: GINNING

(d) The process of arranging two sets of yarn together to obtain fabric.
Ans: SPINNING

* Differentiate between

- a. Natural fabric and synthetic fabric
- b. Ginning and spinning
- c. Weaving and knitting