

Science

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(Chapter – 3) (Fibre to Fabric)
(Class – VI)
Exercises

Question 1:

Classify the following fibres as natural or synthetic: nylon, wool, cotton, silk, polyester, jute

Answer 1:

Natural Fibres: wool, cotton, silk, jute

Synthetic Fibres: nylon, polyester

Question 2:

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 2:

- | | |
|--|---------|
| a) Yarn is made from fibres. | (True) |
| b) Spinning is a process of making fibres. | (False) |
| c) Jute is the outer covering of coconut. | (False) |
| d) The process of removing seed 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) |

Question 3:

Fill in the blanks:

- a) Plant fibres are obtained from _____ and _____. b) Animals fibres are _____ and _____.

Answer 3:

- a) Plant fibres are obtained from *jute* and *cotton*. b) Animals fibres are *silk* and *wool*.

Question 4:

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

Answer 4:

Cotton is obtained from the fruits of the cotton plant, called cotton balls. Jute fibre is obtained from the stem of the jute plant.

Question 5:

Name two items that are made from coconut fibre.

Answer 5:

Jute bags, ropes and Foot mats.

Question 6:

Explain the process of making yarn from fibre.

Answer 6:

The process of making yarn from fibres is called spinning. In this process, fibres from a mass of cotton are drawn out and twisted. This brings the fibres together to form a yarn.

Spinning is done at home using simple devices like hand spindle (Takli) and charkha. On large scale big spinning machines are used.

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B Lingard



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