NCERT Solutions for Class 6 Science Chapter 3 Fibre to Fabric

1. Classify the following fibers as natural or synthetic:

nylon, wool, cotton, silk, polyester, jute

Solution:

Natural: Wool, Cotton, Silk, Jute

Synthetic: Nylon, Polyester

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) The weaving of yarn makes a piece of fabric.

f) The silk fibre is obtained from the stem of a plant.

g) Polyester is a natural fibre.

Solution:

a) True

b) False

c) False

d) True

e) True

f) False

g) False

3. Fill in the blanks:

a) Plant fibres are obtained from_____ and _____ .

b) Animals fibres are _____ and _____ .

Solution:

a) Plant fibres are obtained from **cotton** and **jute**.

b) Animals fibres are **silk** and **wool**.

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

Solution:

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Cotton is obtained from the fruits of the cotton plant and Jute is obtained from the stem of the jute plant.

5. Name two items that are made from coconut fiber.

Solution:

Gunny bags, Ropes and Mats.

6. Explain the process of making yarn from fiber.

Solution:

Yarn can be made from fibre by the process called Spinning. From the mass of cotton, fibres are drawn and twisted which brings together the fibres to form a yarn. Takli and Charkha are the devices used for spinning.

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