

Exercise Questions

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**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 fibers.
- b) Spinning is a process of making fibers.
- 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 fiber is obtained from the stem of a plant.
- g) Polyester is a natural fiber.

Solution:

- a) True
- b) False
- c) False
- d) True
- e) True
- f) False
- g) False

3. Fill in the blanks:

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

Solution:

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

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

Solution:

Cotton is obtained from the fruit part of plant and Jute is obtained from the stem of the plant.

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

Solution:

Gunny bags and Rope

6. Explain the process of making yarn from fiber.

Solution:

Yarn can be made from fiber by the process called Spinning. From the mass of cotton, fibers are drawn and twisted which brings together the fibers to form a yarn