Exercise Questions

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.