

# Science

(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.