	INDIAN SCHOOL AL WADI AL KABIR	
Class: VI	**Department: SCIENCE- 2022 -2023**	**Date of Completion: 23-05-2022**
TEXTBOOK- Q &A	**Chapter: FIBRE TO FABRIC**	**Note: A4 FILE FORMAT**
NAME OF THE STUDENT	**CLASS & SEC:**	**ROLL NO.**

1. Classify the following fibres as natural or synthetic:

nylon, wool, cotton, silk, polyester, jute

Solution:

Natural: Wool, Cotton, Silk, Jute   **Synthetic: Nylon, Polyester**

[Wool and silk are obtained from animals and cotton and jute are obtained from plants. Hence, they are natural fibres.

Nylon and polyester on the other hand are prepared artificially and are therefore synthetic fibres.]

2. State whether the following statements are true or false:

a) Yarn is made from fibres. **True**

b) Spinning is the 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**

3. Fill in the blanks:

a) Plant fibres are obtained from＿＿＿＿＿＿and ＿＿＿＿＿＿.

b) Animals fibres are＿＿＿＿＿＿＿and＿＿＿＿＿＿＿＿.

Solution:

a) Plant fibres are obtained from <u>cotton</u> and <u>jute</u>.

b) Animal fibres are <u>silk</u> and <u>wool</u>.

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

Solution:

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

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

Solution:

Doormats and Rope

6. Explain the process of making yarn from fibre.

Solution:

Yarn can be made from fibre by the process called spinning. The fibres are first drawn out fromtheir source and then twisted to form a yarn. E.g. from the mass of cotton, fibres are drawn and twisted which brings together the fibres to form a yarn. *Takli* and *charkha* are hand-operated devices used for spinning. The spinning of fibres on a large scale is done with the help of spinning machines.

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