

CBSE Worksheet-01
Class – VI Science (Fibre to fabric)

1. Which one of the following is not a natural fibre?
 - a. Jute
 - b. Cotton
 - c. Nylon
 - d. Flax
2. Which fibre yielding plant should be grown in a field having black soil and warm climate?
 - a. Jute
 - b. Cotton
 - c. Coconut
 - d. Wool
3. Select the correct sequence to obtain cloth.
 - a. Fibre > fabric > yarn
 - b. Fabric > fibre > yarn
 - c. Yarn > fabric > fibre
 - d. Fibre > yarn > fabric
4. Which part of jute plant is used to obtain jute fibre?
 - a. Fruit
 - b. Flower
 - c. Seed
 - d. Stem
5. Match the following:

Column A	Column B
a. Sweater	i. Jute
b. Dhoti	ii. Coir
c. Gunny Bag	iii. Silk
d. Silk Cloth	iv. Wool
e. Mat	v. Cotton

6. Fill the gap with suitable word/words.



- a. Fibre obtained from plants and animals are called _____.
 - b. Wool is obtained from the fleece of _____ and _____.
 - c. Silk fibre is drawn from _____ of silk worm.
 - d. The process of making yarn from fibres is called _____.
 - e. Jute is obtained from the _____ of the jute plant.
7. Differentiate between weaving and knitting.
8. How is jute extracted from the jute plant?
9. Name the following:
- a. Mahatma Gandhi popularized use of this device.
 - b. Device used for spinning.
 - c. The season in which jute is cultivated.
 - d. Part of cotton plant from which cotton is obtained.
10. Arrange the following in suitable column. Bed-sheets, blankets, curtains, table cloths, towels, school bag, gunny bag, sweater and dusters

<u>Cotton/jute</u>	<u>Wool /silk</u>	<u>Synthetic.</u>

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Answer key

1. c
2. b
3. d
4. d
5. (a) – (iv), (b) – (v), (c) – (i), (d) – (iii), (e) –(ii).
6. a. Natural fibre
b. Sheep, goat
c. Cocoon
d. Reeling
e. Stem.
7. Weaving involve two sets of yarn. It is done manually by handlooms or power loom using machine. The two types of threads run in different directions, with the warp threads running lengthwise and the weft threads running crosswise or horizontally.
In knitting single yarn is used. It is done by needles and also by machines. It consists of stitches (or loops) of the material consecutively run together.
8. The stems of jute plant are bundled and then put in the stagnant water of a pond or even in river for about 15 days. During these days the stem rots and only the fibre remains.
This process is called retting.
9. a. Charkha
b. Bobbins
c. Before rainy seasons
d. Seeds.

10.

<u>Cotton</u>	<u>Silk/wool</u>	<u>Synthetic</u>
Bed sheet	Blankets	Curtains
Towels	Sweater	School bag
Gunny bag		Dusters, Table cloth