

NCERT solution for Fibre to fabric

Question 1

You must be familiar with the following nursery rhymes:

- (i) 'Baa baa black sheep, have you any wool.'
- (ii) 'Mary had a little lamb, whose fleece was white as snow.'

Answer the following:

- (a) Which parts of the black sheep have wool?
- (b) What is meant by the white fleece of the lamb?

Answer

- (a) The hairy skin i.e. fleece of the black sheep has wool.
- (b) White fleece means the white coloured hair of the lamb.

Question 2

The silkworm is

- (a) a caterpillar, (b) a larva.

Choose the correct option.

- (i) a
- (ii) b
- (iii) both a and b
- (iv) neither a nor b

Answer

- (iii) both a and b

Question 3

Which of the following does not yield wool?

- (i) Yak
- (ii) Camel
- (iii) Goat
- (iv) Woolly dog

Answer

(iv) Woolly dog

Question 4

What is meant by the following terms?

- (i) Rearing
- (ii) Shearing
- (iii) Sericulture

Answer

i)	Rearing	It means taking care of herds of animals which includes feeding, grazing, breeding, etc. for economical purpose/commercial purpose like meat and other useful products. For example, Sheep are reared mainly for the wool. They are mainly reared in areas with low rainfall. Reared sheep eat grass and leaves. In winters they are kept indoors and fed on dry fodder, leaves and grains.
ii)	Shearing	When sheep develops a thick coat of hair, it is shaved off to obtain wool hairs. The removal of fleece of the sheep along with a thin layer of skin from its body is called shearing. It is done by the machines similar to those used by barbers to

		remove.
iii)	Sericulture	The rearing of silkworms to obtain silk economically is called sericulture.

Question 5

Given below is a sequence of steps in the processing of wool. Which are the missing steps? Add them.

Shearing, _____, sorting, _____, _____, _____.

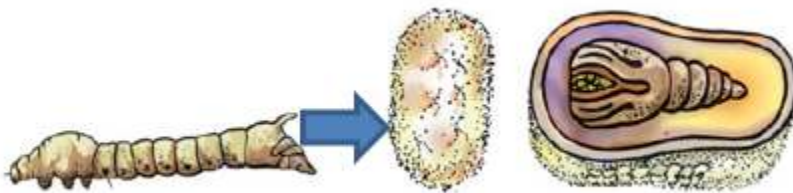
Answer

Shearing, scouring, sorting, burrs picking, dying, rolling

Question 6

Make sketches of the two stages in the life history of the silk moth which are directly related to the production of silk.

Answer



The two stages in the life history of the silk moth which are directly related to the production of silk:

Spinning of cocoon of silk threads around caterpillar.

Changing of caterpillar into pupa.

Question 7

Out of the following, which are the two terms related to silk production?

Sericulture, floriculture, moriculture, apiculture and silviculture.

Hints:

(i) Silk production involves cultivation of mulberry leaves and rearing silkworms.

(ii) Scientific name of mulberry is *Morus alba*.

Answer

Sericulture and moriculture

Question 8

Match the words of Column I with those given in Column II:

Column I	Column II
1. Scouring	(a) Yields silk fibres
2. Mulberry leaves	(b) Wool yielding animal
3. Yak	(c) Food of silk worm
4. Cocoon	(d) Reeling
-	(e) Cleaning sheared skin

Answer

Column I	Column II
1. Scouring	(e) Cleaning sheared skin
2. Mulberry leaves	(c) Food of silk worm

3. Yak	(b) Wool yielding animal
4. Cocoon	(a) Yields silk fibres

Question 9

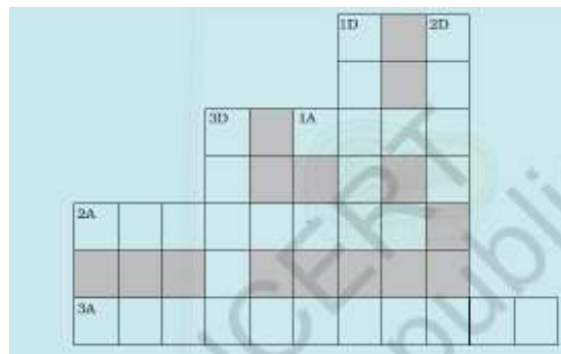
Given below is a crossword puzzle based on this lesson. Use hints to fill in the blank spaces with letters that complete the words.

Down

- (D) 1: Thorough washing
- 2: Animal fibre
- 3: Long thread like structure

Across

- (A) 1: Keeps warm
- 2: Its leaves are eaten by silkworms
- 3: Hatches from egg of moth



Answer

Down

- 1) Scour
- 2) Silk
- 3) Fibre

Across

- 1) Wool
- 2) Mulberry
- 3) Caterpillar

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