

Fibre to Fabric

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?

Answer: The fleece or hairs of the sheep has wool.

(b) What is meant by the white fleece of the lamb?

Answer: White fleece are the white hairs of the lamb.

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: both a and b

3. Which of the following does not yield wool?

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

Answer: Woolly dog

4. What is meant by the following terms?

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

Answer:

Rearing - The process of growing and maintaining livestock like goat, sheep, cow in order to obtain benefits from them in the form of hairs, milk etc is called as rearing.

Shearing - Shearing is the process in which fleece of the sheep along with a thin layer of skin is removed from its body. It can be done by machines as used by the barber to remove the hairs.

Sericulture - The process of rearing silkworm for obtaining silk on a commercial scale is called as sericulture. Silk worm moths are reared and their cocoons are collected to get silk threads.

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

Shearing, _____, sorting, _____, _____.

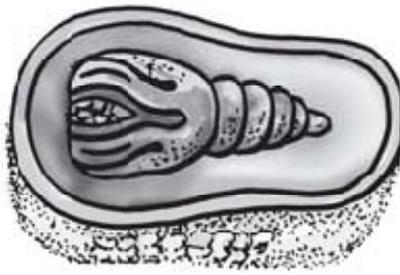
Answer:

Shearing, scouring, sorting, fibre dying, making yarn

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



Larva



Cocoon with developing moth

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*.

Answers: Sericulture and moriculture

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

Column I

1. Scouring
2. Mulberry leaves
3. Yak
4. Cocoon

Column II

- (a) Yields silk fibres
- (b) Wool yielding animal
- (c) Food of silk worm
- (d) Reeling
- (e) Cleaning sheared skin

Answers:

Column I

1. Scouring
2. Mulberry leaves
3. Yak
4. Cocoon

Column II

- (e) Cleaning sheared skin
- (c) Food of silk worm
- (b) Wool yielding animal
- (a) Yields silk fibres

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

