

Chapter 3 Fibre to Fabric

Q.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?

Ans. (a) The hairy skin called fleece has wool in black sheep.

(b) White fleece of the lamb means the white coloured hairy skin.

Q.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)

Ans. (iii) both (a) and (b).

Q.3. Which of the following does not yield wool?

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

Ans. (iv) Woolly dog

Q.4. What is meant by the following terms?

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

Ans. (i) Rearing: The process of keeping, feeding, breeding and medical care of useful animals is called rearing of animals. These animals produce one or more useful products for human beings.

(ii) Shearing: The process of removing the fleece of the sheep alongwith thin layer of skin is called shearing.

(iii) Sericulture: The rearing of silkworms for obtaining silk is called sericulture.

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

Shearing, _____, sorting, _____, _____

Ans. Shearing, scouring, sorting, picking out of burrs, colouring, rolling.

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

Ans.

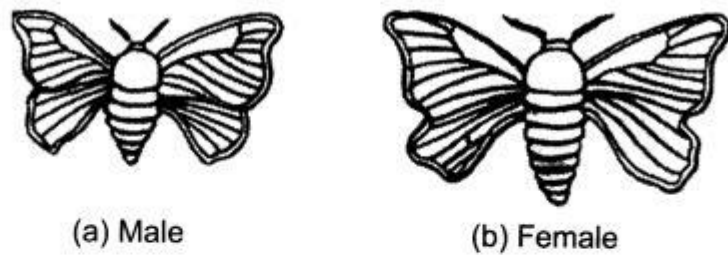
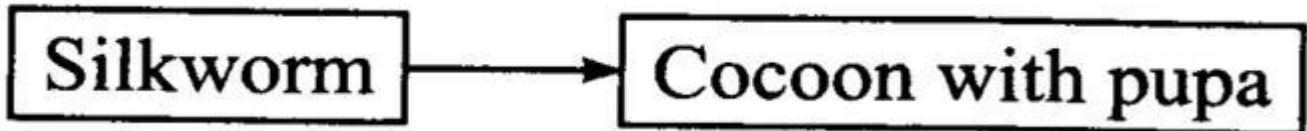


Fig. 3.3 Adult silk moths.

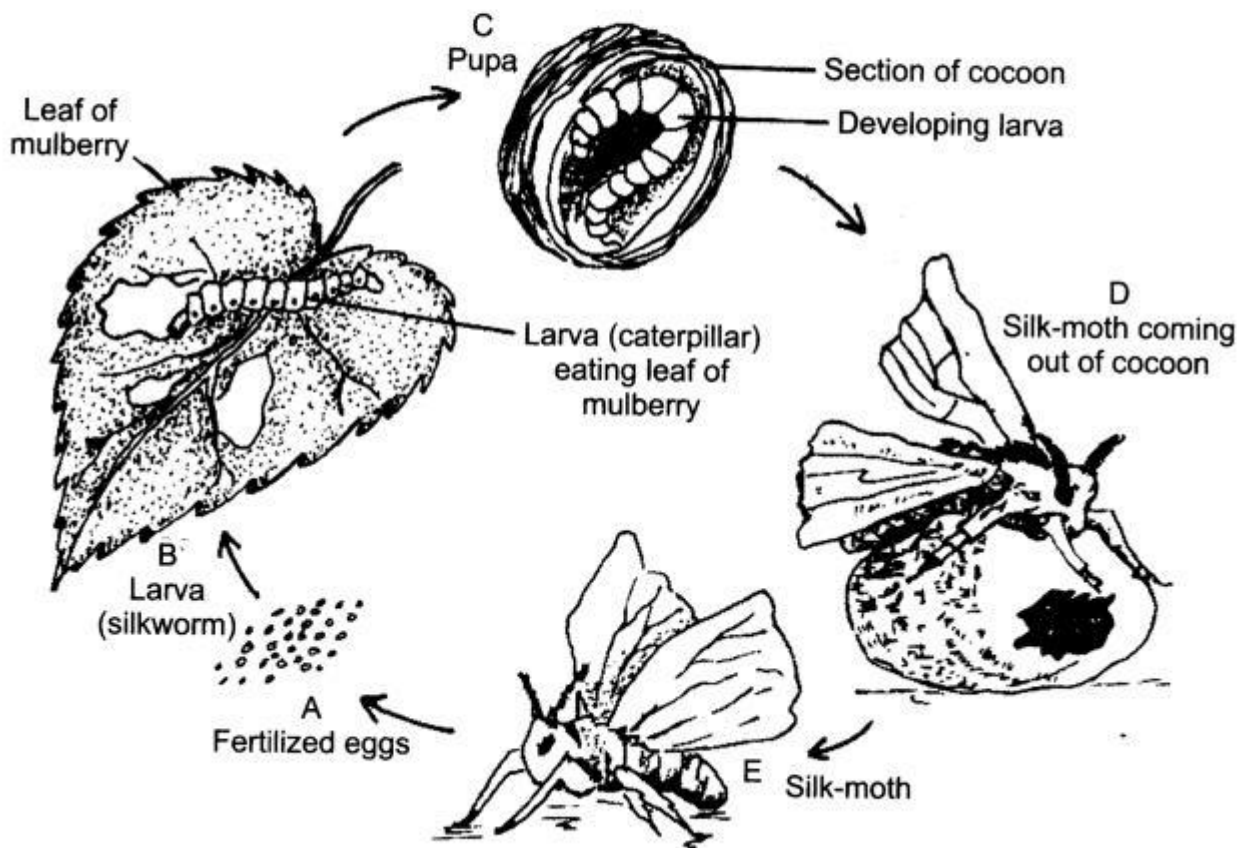


Fig. 3.4 Life-cycle of silk-moth.

Q.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*.

Ans. (i) Sericulture (ii) Moriculture

Q.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 silkworm
4. Cocoon	(d) Reeling
	(e) Cleaning sheared skin

Ans

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

Q.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

