

NCERT Solutions for Class 7 Science Chapter 3

Fibre to Fabric Class 7

Chapter 3 Fibre to Fabric Exercise Solutions

Exercise : Solutions of Questions on Page Number : 32

Q1 :

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) Wool is obtained from the hairy fibres (hair) of the sheep.

(b) White fleece of the lamb refers to the white coloured hair of the lamb.

Q2 :

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

Q3 :

Which of the following does not yield wool?

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

Answer : (iv)Woolly

dog

Q4 :

What is meant by the following terms?

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

Answer :

(i) *Rearing*: Rearing means helping someone to grow up.

(ii) *Shearing*: It is the process of removal of fleece along with a thin layer of skin from the body of sheep. (ii) *Sericulture*: Sericulture refers to the rearing of silkworms to obtain silk.

Q5 :

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, picking of burrs, dyeing of fibres, making of yarn

Q6 :

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 silk moth directly related to silk production are



Q7 :

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

Q8 :

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

Column I

Column II

- | | |
|----------------------|---------------------------|
| (i) Scouring | (a) Yields silk fibres |
| (ii) Mulberry leaves | (b) Wool yielding animal |
| (iii) Yak | (c) Food of silk worm |
| (iv) Cocoon | (d) Reeling |
| | (e) Cleaning sheared skin |

Answer :

Column I

Column II

- | | |
|--------------|---------------------------|
| (i) Scouring | (e) Cleaning sheared skin |
|--------------|---------------------------|

(ii) Mulberry leaves (c) Food of silk worm

(iii) Yak (b) Wool yielding animal

(iv) Cocoon (a) Yields silk fibres

Q9 :

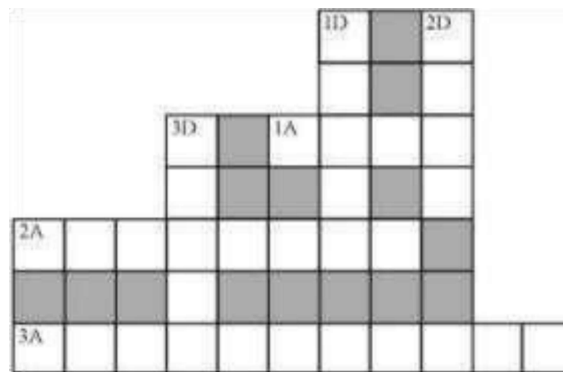
Given below is a crossword puzzle based on this lesson. Use hints to fill in the blank spaces with letters that complete the words.

Down Across

(D) 1: Thorough washing (A) 1: Keeps warm

2: Animal fibre 2: Its leaves are eaten by silkworms

3: Long thread like structure 3: Hatches from egg of moth



Answer :

