



NCERT Solutions for 7th Class Science: Chapter 3-Fibre to Fabric



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Class 7: Science Chapter 3 solutions. Complete Class 7 Science Chapter 3 Notes.

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Exercises

1. You must be familiar with the following nursery rhymes:

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L

(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 have wool.

(b) White fleece means the white coloured hair 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

► (iii) both a and b

3. Which of the following does not yield wool?

(i) Yak

(ii) Camel

(iii) Goat

(iv) Woolly dog

Answer

► (iv) Woolly dog

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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 like meat and other useful products.

(ii) Shearing : The removal of fleece of the sheep along with a thin layer of skin from its body is called shearing.

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

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, dyeing, rolling

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:

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Spinning of cocoon of silk threads around caterpillar.

Changing of caterpillar into pupa.

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 moricultur

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

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skin

2. Mulberry leaves (c) Food of silk worm
3. Yak (b) Wool yielding animal
4. Cocoon (a) Yields silk fibres

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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

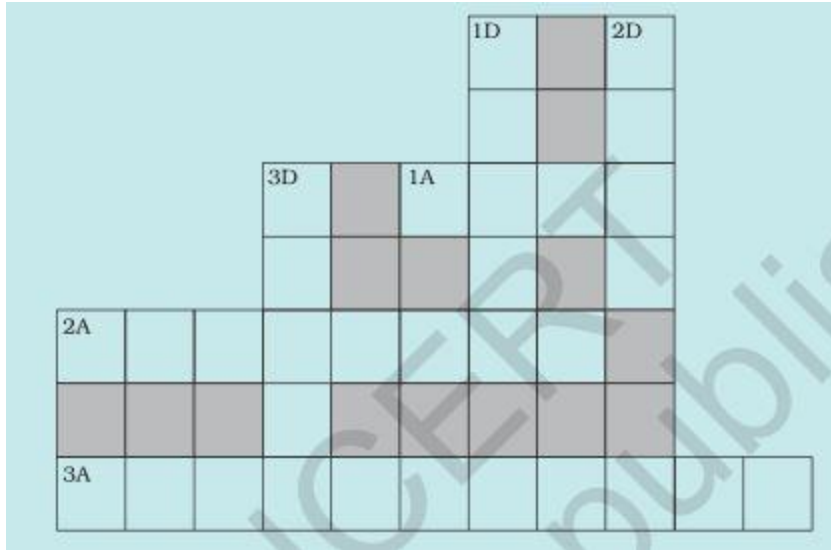
Across

(A) 1 : Keeps warm

2 : Its leaves are eaten by silkworms

3 : Hatches from egg of moth

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Chapterwise NCERT Solutions for Class 7 Science :

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- Chapter 2 Nutrition in Animals
- Chapter 3 Fibre to Fabric
- Chapter 4 Heat
- Chapter 5 Acids, Bases and Salts
- Chapter 6 Physical and Chemical Changes
- Chapter 7 Weather, Climate and Adaptations of Animals to Climate
- Chapter 8 Winds, Storms and Cyclones
- Chapter 9 Soil
- Chapter 10 Respiration in Organisms
- Chapter 11 Transportation in Animals and Plants
- Chapter 12 Reproduction in Plants
- Chapter 13 Motion and Time
- Chapter 14 Electric Current and Its Effects
- Chapter 15 Light
- Chapter 16 Water: A Precious Resource
- Chapter 17 Forests: Our Lifeline
- Chapter 18 Wastewater Story

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