



CHEMISTRY

NCERT - NCERT CHEMISTRY(TELUGU)

FIBRE TO FABRIC

Exercise

1. What will happen if a rain coat is made from cotton fabric? Why?



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2. Classify the fabric of following items as natural or artificial. Dhoti, Venkatagiri saree, jeans, umbrella cloth, bed sheets, your shirt or skirt, rain coat, gunny bags.



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3. While purchasing your dress what doubts would you clarify from the shopkeeper?



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4. Explain the process of making yarn from cotton wool.



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5. Prepare a bag using cloth.



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6. What did you do to know whether artificial fibres give pungent smell while burning? Write the steps of your experiment.



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7. Collect information about cutaneous respiration in frog. Prepare a note and explain them in your classroom.



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8. Collect information about pellagra and discuss with your teacher.



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9. Draw a flow chart shows the process of obtaining gases from air.



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10. Make a scrap book containing picture of different types of febric and name them.



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11. What would you do to remove wrinkles from your shirt or skirt?



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12. List the types of clothes we wear in different seasons.



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13. Coconut is also a fibre. Make a list of some articles made of coconut fibre.



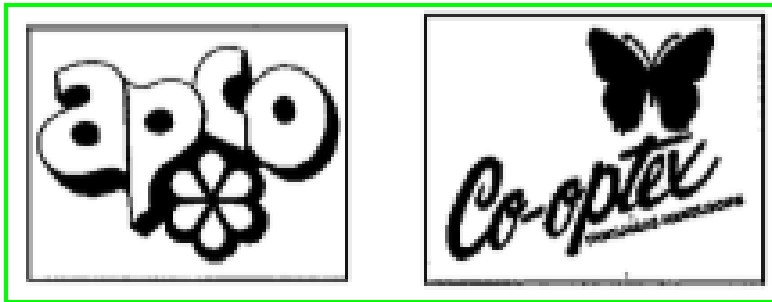
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14. Observe the logos. What does this mean?

Collect information about this from your

school

library.



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15. What materials are these fabrics made of?



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16. Which kind of fabric is being used more in your house?



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17. How did you identify the type of fabric?



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18. How did you identify the type of fabric?



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19. How did you identify the type of fabric?



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20. Which type of fabrics are smooth in nature?



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21. Which type of fabrics dry in a short time?



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22. Do you find any relation between smoothness and time to dry?



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23. Which fabric gives ash when they are burnt?



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24. Look at the Telangana map and list out the places where cotton is grown.



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25. How are clothes useful to us?



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26. How are febrics used from other purposes?



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27. What are the different clothes used in ancient times by human beings?



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28. What are the uses of gunny bags?



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29. Why should we use cloth bags instead of polythene bags?



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30. What are the factors involved in the selection of the fabric?



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31. What are the different types of fibres?

Where do they come from? How do you classify them?



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32. What is your experience with cotton fabric, silk fabric and woollens?



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33. Draw the figure of a "Takli" and label its parts.



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34. Draw the diagram of a spinning wheel.



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35. How do you make cotton yarn and cotton fibre?



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36. What do you observe in gunny yarn?

Compare the jute yarn with other yarns.



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37. Small strand like structure are called

A. Fabric

B. Fibre

C. Loom

D. Coconut

Answer:



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38. Which of the following is not a natural fibre?

A. Silk

B. Wool

C. Polyester

D. Jute

Answer:



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39. The special property of silk fabric:

A. 1. Smooth

B. 2. Coarse

C. 3. Easily washable

D. 4. Withstands heat

Answer:



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40. The suitable dress for summer season:

A. Woolen

B. Polyester

C. Jute

D. Cotton

Answer:



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41. A fabric consists of Structures.

- A. Tube-like
- B. Thread-like
- C. Pyramid-like
- D. Conical

Answer:



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42. ___ fabric is used in book binding.

A. Nylon

B. Wool

C. Calico

D. Jute

Answer:



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43. What are thread like structures (strands) present in vegetables called ?

A. Filaments

B. Policies

C. Fibres

D. Rod like structures

Answer:



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44. Clothes are worn to

A. 1. Protect

B. 2. Add beauty

C. 3. Show our pomp

D. 4. Both 1 and 2.

Answer:



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45. Coarse fabric is used for

A. 1. Mopping

B. 2. making gunny bags.

C. 3. Protect from rain

D. 4. None of these

Answer:



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46. The type of fabric used to stitch the trousers:

A. 1. Silk

B. 2. Linen

C. 3. Jute

D. 4. Muslin

Answer:



Watch Video Solution

47. Which fabric gives ash when they are burnt?

A. Cotton

B. Wool

C. Polyester

D. Jute

Answer:



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48. The water absorbing nature is more for the following fabric:

A. 1. Silk

B. 2. Polyester

C. 3. Nylon

D. 4. Cotton

Answer:



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49. Cotton fruit is also called as cotton

A. Ball

B. Nut

C. Shell

D. Corn

Answer:



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50. The finished form of fibre is

A. Yarn

B. Fabric

C. Strands

D. Heft

Answer:



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51. Fibre is also derived from:

A. 1. Banana tree

B. 2. Brinjal plant

C. 3. Palak

D. 4. Red sorrel plant

Answer:



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52. The stretching capacity of yarn is more in
..... Fibres.

A. Natural

B. Synthetic

C. Both

D. None of these

Answer:



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53. Burn a silk thread. The smell of burning silk will be similar to that of burning.....

A. Paper

B. Hair

C. Plastic

D. All of these

Answer:



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54. Small strand like structure are called

A. Thread

B. Yarn

C. Fibre

D. Fabric

Answer:



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55. Separation of fibres of cotton from its seeds is called

A. Ginning

B. Spinning

C. Scouring

D. Stiffing

Answer:



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56. _____ is very difficult to decompose.

A. Polyester

B. Polythene

C. Wool

D. Cotton

Answer:



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57. Which of the following was used to spin yarn.....

A. Charka

B. Takli

C. Gear

D. A and B

Answer:



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58. Cotton is mainly

A. Flowers

B. Fruits

C. Leaves

D. Stems

Answer:



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59. Ginning is the process associated with.....

A. Cotton

B. Jute

C. Coconut

D. Wool

Answer:



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60. _____ is called golden fibre.

- A. Cotton yarn
- B. Chemical yarn
- C. Wool
- D. Jute yarn

Answer:



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61. This is not a plant fibre.....

A. 1. Nylon

B. 2. Hemp

C. 3. Flax

D. 4. Jute

Answer:



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62. Which of the following is not a synthetic fibre ?

A. Silk

B. Jute

C. Acrylic

D. Hemp

Answer:



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63. Arranging of yarn horizontally and vertically to make fabric is known as.....

A. Weaving

B. Spinning

C. Retting

D. None

Answer:



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64. Looms operated by the electric motors

A. 1. Electric loom

B. 2. Power loom

C. 3. Hand loom

D. 4. Charka

Answer:



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65. We wear _____ clothes in winter.

A. Wool

B. Cotton

C. Nylon

D. Polyester

Answer:



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66. In summer season what type of cloths do you wear?

A. Polyester

B. Wool

C. Nylon

D. Cotton

Answer:



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67. This is a new innovative in the textile industry.....

- A. 1. Corn fibre
- B. 2. Cotton fibre
- C. 3. Polyester fibre
- D. 4. Jute fibre

Answer:



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68. Gandhiji used to wear _____ clothes.

A. Cotton

B. Jute

C. Polyester

D. Metal

Answer:



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69. Where are cotton plants cultivated in your state?

A. Sand

B. Red

C. Black

D. Rocky

Answer:



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70. The clothes which get wrinkled after washing are.....

A. 1. Cotton

B. 2. Polyester

C. 3. Silk

D. 4. Rayon

Answer:



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71. Which of the following is used for weaving?

A. 1. Looms

B. 2. Charka

C. 3. Takli

D. 4. All of these

Answer:



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72. ___ fabric is used in book binding.

A. Linen

B. Calico

C. Golden fabric

D. Corn fibre

Answer:



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73. The instrument used to twist the cotton fibre

A. *A.* Takli

B. *B.* Charka

C. *C.* A and B

D. *D.* None

Answer:



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74. Fibres obtained from chemicals.....

A. Nylon

B. Polyester

C. Rayon

D. All of these

Answer:



Watch Video Solution

75. Example for silk cloth.....

A. Georgette

B. Velvet

C. Satin

D. All the above

Answer:



Watch Video Solution

76. Identify the instrument shown in the fig.



A. Charka

B. Takli

C. Hand loom

D. Power loom

Answer:



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77. Making fabric from cotton yarn is called-



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78. What will happen if a rain coat is made from cotton fabric? Why?



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79. While purchasing your dress what doubts would you clarify from the shopkeeper?



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the steps of your experiment.



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81. Collect information about cutaneous respiration in frog. Prepare a note and explain them in your classroom.



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82. Draw a flow chart shows the process of obtaining gases from air.



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83. While purchasing your dress what doubts would you clarify from the shopkeeper?



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84. Why is it advised not to wear synthetic clothes while working in a laboratory or working with fire in in the kitchen ?



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85. Why do old people shiver more in winter when compared to youngsters? Is there any special arrangement to prevent the escape of heat energy during winter?



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86. What are the uses of gunny bags?



Watch Video Solution

87. What did you do to know whether artificial fibres give pungent smell while burning? Write the steps of your experiment.



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88. Write about the conversion of fibre to fabric.



Watch Video Solution

89. Small strand like structure are called

A. Fabric

B. Fibre

C. Loom

D. Cocoon

Answer:



Watch Video Solution

90. Smell of burning of feather comes by burning.....fibre.

A. 1. Cotton

B. 2. silk

C. 3. Nylon

D. 4. Rayon

Answer:



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91. Fibres obtained from
chemicals.....

A. Nylon

B. Polyester

C. Rayon

D. all the above

Answer:



Watch Video Solution

92. Fibres which have more weight?

A. Natural

B. Artificial

C. A & B

D. None

Answer:



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93. Cloth made by spinning on handlooms is called _____ cloth.

A. Khadi

B. Khaddar

C. A & B

D. None

Answer:



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94. The instrument used to twist the cotton fibre

A. takli

B. Charkha

C. loom

D. None

Answer:



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95. Which of the following is used for weaving?

A. takli

B. Charkha

C. loom

D. machine

Answer:



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96. Caterpillars feed by _____ leaves.

A. Neem

B. Grasss

C. Mulberry

D. Rubber

Answer:



Watch Video Solution

97. Example for silk cloth.....

A. Georgette

B. Velvet

C. Satin

D. all the above

Answer:



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Example

1. What will happen if a rain coat is made from cotton fabric? Why?



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2. Coconut is also a fibre. Make a list of some articles made of coconut fibre.



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3. Classify the fabric of following items as natural or artificial. Dhothi, Venkatagiri saree, jeans, umbrella cloth, bed sheets, your shirt or skirt, rain coat, gunny bags.



[Watch Video Solution](#)

4. What would you do to remove wrinkles from your shirt or skirt?



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5. What is the difference between natural fibres and artificial fibres?



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6. Why silk clothes are more costly ? Write reasons.



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7. While purchasing your dress what doubts would you clarify from the shopkeeper?



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8. Gandhiji used to wear _____ clothes.



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9. Why 'khaddar' is more costly when compared to nylon, polyester etc., clothes?



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10. While purchasing your dress what doubts would you clarify from the shopkeeper?



[Watch Video Solution](#)

11. What are the uses of gunny bags?



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12. What difference do you notice between the banned polythene bags and the bags that we are using at present to carry things from market at present?



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13. What did you do to know whether artificial fibres give pungent smell while burning? Write the steps of your experiment.



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14. How people select fabrics ? (or) Explain that choices of people are different.



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15. How is the process of reeling, fiber to yarn is done ?



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16. Write about the conversion of fibre to fabric.



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17. Write an activity to show esterification.



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18. Write an activity to observe the threads in a fabric.



[Watch Video Solution](#)

19. Write an activity to observe the threads in a fabric.



[Watch Video Solution](#)

20. Write an activity to make a mat.



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21. Explain the process of making yarn from cotton wool.



Watch Video Solution

22. Make a scrap book containing picture of different types of fabric and name them.





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23. Discuss with your teacher and prepare an information chart about spinning mills in your state.



[Watch Video Solution](#)

24. Collect news items about handloom workers and cotton growers. Analyze one news item in your own way.



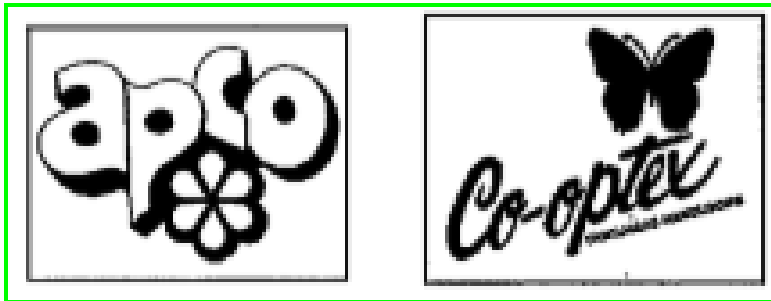
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25. Observe the logos. What does this mean?

Collect information about this from your

school

library.



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26. The clothes that we wear have a great background. Track the stages (from seed to dress)and write your feelings about the people working and different levels of the track.



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27. What are the different uses of clothes ?



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28. What are the different clothes used in ancient times by human beings?



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29. Where do cotton grow in A.P./Telangana ?
What is observed in cotton fields with respect to children ?



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30. What do you know about child labours?



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31. Where is the handloom industry well developed in your state?



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32. Make a flow chart showing the process of getting a fabric (clothes) from cotton plant



Watch Video Solution

33. Prepare a bag using cloth.



Watch Video Solution

34. observe the pictures and name the season in each case.

a)



b)



c)

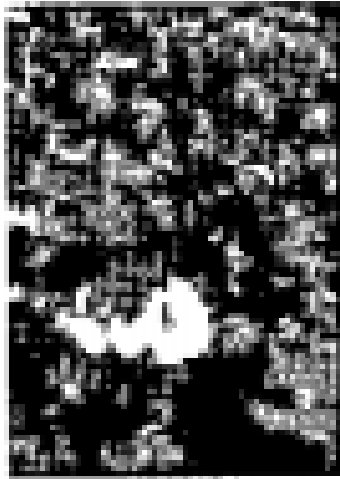


d)



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35. Observe and name the plant in the figure.



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36. What is the name of the instrument in the picture? Write the uses of them.

a)

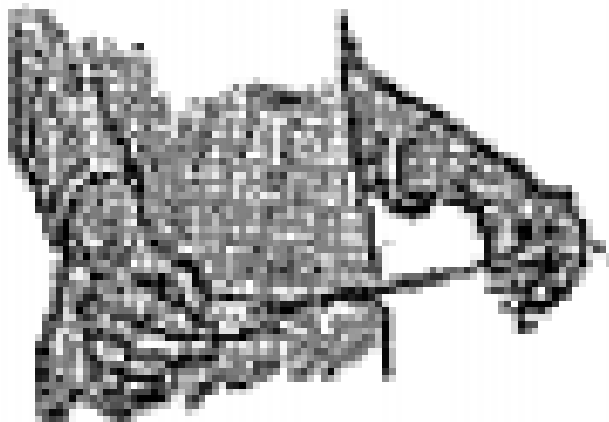


b)



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37. What is the man doing in the figure ? What is in his hand ?



?



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38. What is the plant shown in the figure ?

What is made of it ?



ant.



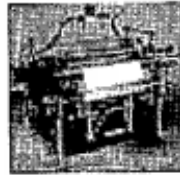
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39. Name the machines in the pictures. Write two lines about it.

a)



b)



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40. "Clothes can be made with metals also ". Is it possible ? If so ,appreciate the making of clothes from metals.



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41. Explain about the greatness of cotton industry in india.



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42. What is the mass of electron,proton and neutron?



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43. Why do we wear cotton clothes in summer ?



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44. You are invited to a grand marriage function which type of cloths do you wear ?
Why ?



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45. A cloth merchant sells silk clothes very cheaply. You may guess the reason as the cloth is made with



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46. Where are child labour working? Why are they forced into labour? How can child labour be eradicated?



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Improve Your Learning

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[Watch Video Solution](#)

6. Small strand like structure are called

A. fabric

B. fibre

C. loom

D. cocoon

Answer:



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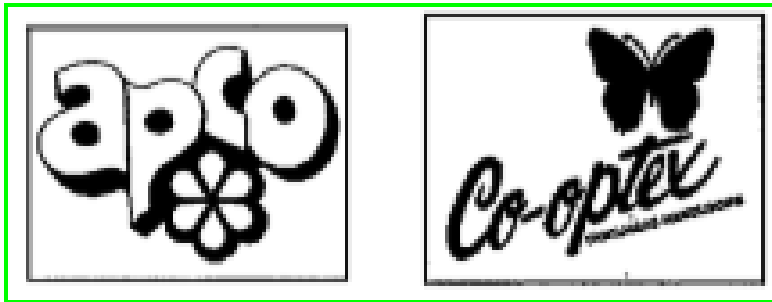
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