



# CHEMISTRY

## BOOKS - VGS PUBLICATION-BRILLIANT

### FIBRE TO FABRIC

#### Exercise

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



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



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



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



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6. Small strand like structure are called



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7. Making fabric from cotton yarn is called-



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



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**9.** Prepare a bag using cloth.



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**10.** Collect piece of febric and make designs on your bag by using them. Display it on school display day.



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



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



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



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



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



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**16.** 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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**17.** List the types of clothes we wear in different seasons.



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**18.** How are clothes useful to us?



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**19.** What are the factors involved in the selection of the fabric?



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**20.** How can different fabrics be used?



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**21.** How are fabrics used from other purposes?



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**22.** What are the different types of fibres?

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



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**23.** What are the different uses of clothes ?



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**24.** What are the uses of gunny bags?



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**25.** How is jute yarn made?



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**26.** How is yarn used to make fabric?



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



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**28.** Why should we use cloth bags instead of polythene bags?



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



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**30.** How do you identify the threads in the fabric? Describe the procedure.



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**31.** How do you make cotton yarn and cotton fibre?



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**32.** How do you prepare strong yarn from cotton ball? Describe the activity you perform.



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**33.** What do you observe in gunny yarn?

Compare the jute yarn with other yarns.



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**34.** How do you make a mat taking coconut leaves?



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**35.** Observe the below figure and note the lifestyle of people in different seasons.



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**36.** Observe the jute plant you find here.



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**37.** List things in your house made up of any type of fabric.



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**38.** Which type of fabrics are smooth in nature?



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**39.** Which type of fabrics dry in a short time?



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



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**41.** Which febric gives ash when they are burnt?



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**42.** Give some common examples of natural fibres.



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**43.** Where are cotton plants cultivated in your state?



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



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**45.** What was encouraged during swadeshi movement?



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**46.** Write the story of jute.



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**47.** The fibres which are obtained from plant and animal source are called \_\_\_\_\_

A. Artificial

B. Man made

C. Natural

D. All of these

**Answer:**



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**48.** Cotton yarn is obtained from \_\_\_\_\_ plant.

A. Jute

B. Cotton

C. Coconut

D. Peanut

**Answer:**



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**49.** Georgette fabric is \_\_\_\_\_ fibre.

A. Silk

B. Artificial

C. Natural

D. Wool

**Answer:**



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50. Gandhiji used to wear \_\_\_\_\_ clothes.

A. Khadi

B. Silk

C. Wool

D. Polyester

**Answer:**



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51. Cloth made by spinning on handlooms is called \_\_\_\_\_ cloth.

A. Terelyne

B. Handloom

C. Polyester

D. silk

**Answer:**



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52. Gunny bags are made of \_\_\_\_\_

A. Coconut

B. Cotton

C. Jute

D. Groundnut

**Answer:**



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53. People burnt imported clothes during

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A. Chorichauna

B. World War -I

C. World War II

D. Swadeshi movement

**Answer:**



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54. \_\_\_\_\_ is very difficult to decompose.

A. Cotton

B. Jute

C. Wool

D. Polythene

**Answer:**



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55. \_\_\_\_\_ is called golden fibre.

A. Jute yarn

B. Wool

C. Silk

D. Cotton

**Answer:**



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**56.** Kothakota is famous for \_\_\_\_ industry.

A. Kalamkari

B. Handicrafts

C. Handloom

D. None

**Answer:**



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**57.** World's first microfiber was invented by

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A. Weber

B. William Hans

C. Johnson

D. Dr. Miyoshi Okamoto

**Answer:**



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**58.** Polyester is made from \_\_\_

A. Ethane

B. Alcohol



C. Acid

D. Petroleum

**Answer:**



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**59.** The full form of PVC is \_\_\_\_\_.

A. Poly Vinyl Chloride

B. Poly Vinyl Chlorine

C. Polyester

D. Terelyne

**Answer:**



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**60.** PVC was invented by \_\_\_\_

A. Einstein

B. Waldo L.Semon

C. William Hans

D. None

**Answer:**



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**61.** \_\_\_\_ invented a method of making water proof garments.

A. Johnson

B. Weber

C. Charles Macintosh

D. Waldo L.Semon

**Answer:**



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**62.** The hair of \_\_\_ is also useful in making warm clothes, mats and socks.

A. Silkworm

B. Yak

C. Tiger

D. Cow

**Answer:**



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**63.** Cotton grows in \_\_\_\_ soil.

A. red

B. alluvial

C. black

D. sand

**Answer:**



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**64.** Small strand like structure are called

A. loom

B. cocoon

C. fibre

D. fabric

**Answer:**



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**65.** Choose the different one

A. silk

B. wool

C. cotton

D. polyester

**Answer:**



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**66.** Which is a Natural fibre among the following

A. Silk

B. Nylon

C. Rayon

D. None

**Answer:**



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67. Weaving of fabric is done in

A. takli

B. loom

C. charaka

D. none

**Answer:**



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**68.** Separation of fibres of cotton from its seeds is called

A. weaving

B. ginning

C. knitting

D. spinning

**Answer:**



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**69.** The hair of \_\_\_ is also useful in making warm clothes, mats and socks.

A. tiger

B. yak

C. cow

D. goat

**Answer:**



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**70.** Choose the correct order.

A. Fire → Fabric → Yarn

B. Yarn → Fabric → Fibric

C. Fabric → Yarn → Fibre

D. Fibre → Yarn → Fabric

**Answer:**



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71. \_\_\_ fabric is used in book binding.

A. Calico

B. Wool

C. Jute

D. Silk

**Answer:**



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72. Coconut fibre is used to make

A. shirts

B. sarees

C. door mat

D. all of these

**Answer:**



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73. \_\_\_\_\_ clothes are used to wear warriors in  
accent days.

A. Metal

B. Wool

C. Plastic

D. Nylon

**Answer:**



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74. In \_\_\_\_ district, cotton is widely grown.

A. Adilabad

B. Karim Nagar

C. Khammam

D. Nalgonda

**Answer:**



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75. For spinning yarn \_\_\_\_\_ an instrument has been used since olden days.

A. takli

B. charka

C. both A & B

D. none

**Answer:**



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**76.** This type of fibre called as golden fibre

A. Cotton

B. Jute

C. Silk

D. Wool

**Answer:**



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77. Which of the following is a hand operated device that is used for spinning and whose use is popularized by Mahatma Gandhi as a part of independence movement?

A. Takli

B. Charka

C. Both Takli and Charkha

D. Handlooms

**Answer:**



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**78.** To make fabric, we have to first convert the cotton fibres into yarns by which of the following process ?

A. Ginning

B. Spinning

C. Weaving

D. Knitting

**Answer:**





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**79.** Which of the following devices is / are used for weaving of fabric

A. Loom

B. Charkha

C. Takli

D. None of these

**Answer:**



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## 80. Knitting

A. is done by hand and also by machines

B. makes use of two sets of yarns to make a  
fabric

C. is done on hand looms

D. all the above are correct.

**Answer:**



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**81.** Select the correct statement.?

- A. Weaving and knitting are used for making different kinds of fabric
- B. Socks and many other clothing items are made of knitted fabrics
- C. Weaving of fabric is done on looms
- D. All the above are correct.

**Answer:**



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**82.** Assertion (A) : Cotton is comfortable to wear in hot, humid weather. Reason (R) : Cotton absorbs sweat.

A. Both A and R are true and R is the correct explanation of A.

B. Both A and R are true but R is not the correct explanation of A.

C. A is true but R is false.



D. A is false but R is true.

**Answer:**



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**83.** Assertion (A) : Jute can be effective substitute of plastic bags. Reason (R) : Jute is 100% bio-degradable and recyclable.

A. Both A and R are true and R is the correct explanation of A.

B. Both A and R are true but R is not the correct explanation of A.

C. A is true but R is false.

D. A is false but R is true.

**Answer:**



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**84.** Assertion (A) : Cotton on burning gives paper burning smell. Reason (R) : Paper is made from cotton.

A. Both A and R are true and R is the correct explanation of A.

B. Both A and R are true but R is not the correct explanation of A.

C. A is true but R is false.

D. A is false but R is true.

**Answer:**



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**85.** Statement (i) : To make fabrics, fibres are first converted into yarn. Statement (ii) Fibres made from chemical substances are called synthetic fibres. Statement (iii), : All plant have fibres in their body.

A. Statement (i) and (iii) are incorrect while statement (ii) is correct

B. Statement (i) and (ii) are incorrect while (iii) is correct.

C. All the statements are correct.

D. All the statements are incorrect.

**Answer:**



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**86.** Statement (i), : In India, Madhya Pradesh is the leading cotton producing state. Statement (ii) : Cotton is grown in such places that have black soil. Statement (iii) : Cotton is sown between January and March.

A. Statement (i) and (iii) are incorrect while statement (ii) is correct

B. Statement (i) and (ii) are incorrect while (iii) is correct.

C. All the statements are correct.

D. All the statements are incorrect.

**Answer:**



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