

Assignment Class VI

(1)

Sub. - Sci.Ch- 3. Fibre to Fabric

Q.1 Answer these questions-

1. What are fibres?

Ans. Fibres are long, strong and flexible thread-like materials.

2. What is fabric?

Ans. A continuous piece of cloth, generally used as a dress material, is called fabric.

3. Name different types of fibres.

Ans. 1. Natural fibres, 2. Man-made or synthetic fibres and mixed fibres.

4. Define natural fibres and synthetic fibres.

Ans. The fibres that are obtained from plants and animals are called natural fibres.

Examples - cotton, jute, wool, silk etc.

Synthetic fibres obtained from the substances which are not obtained from plants or animals. These are made by man and obtained from petroleum products.

Examples - Nylon, Polyester etc.

5. What type of soil and climate is good for growing cotton?

Ans. The cotton plants are usually grown at places having black soil and warm climate.

6. What kind of fibres are used for making yarn?

Ans. The fibres having a large length is used for making yarn.

Q. Why do we wear clothes?

Ans. We wear clothes mainly to protect our bodies from weather conditions, such as heat, cold and rain. (2)

Q. Name the part of the plant which bears fibres in case of cotton - cotton balls

Jute - stem

Coconut - outer coating of coconut.

Q. Classify the following fibres.

Jute, wool, cotton, silk and coir - Natural  
nylon, Polyester - Synthetic fibres.

Q. Name all the processes involved in serial order for making cotton fabrics from the raw cotton -

Ans. Ginning, baling, carding, spinning and weaving.

Q. Name two items that are made from coconut fibre.

Ans. The coir is used for making foot mats, ropes.

Q. Why is it necessary to spin the fibres so as to make yarn?

A. ~~spin~~ spinning increases the strength of the fibre.

Q. Give two uses of each - jute and cotton.

Ans. Jute yarn is used for making gunny bags or sacks. Jute fibre is used for making ropes.

cotton is used in the manufacture of cotton textiles and undergarments.

Cleaned and carded cotton is used as fillers in pillows, quilts and mattresses.

Q. Define Ginning, Spinning, Retting and weaving.

**Ginning** - The process of removing cotton seeds from raw cotton.

**Spinning** - The process of twisting the fibres, so as to make them stronger.

**Retting** - The process of loosening the jute fibre from its stalk, by immersing it in stagnant water for a few days.

**Weaving** - The process of arranging two sets of yarn together to make a fabric is called weaving.

Book work - Fill in the blanks:

1. The process of removing seeds from the cotton fibre is called ginning.
2. The cotton plant bears white or yellow flowers.
3. The jute fibre is obtained from the stalk of the jute plant.
4. Silk clothes are more smooth than the cotton clothes.
5. Plant fibres are cotton and jute.
6. Animal fibres are wool and silk.

II Match the column

1. Compressing of raw cotton into bundles.  
Baling
2. Rotting of gummy skin of jute stalks in water.  
Retting
3. The process of removing cotton seeds from cotton. - Ginning
4. The process of making yarn from fibres.  
Spinning
5. The process of making cloth from yarn.  
Weaving

III

Statements given below are incorrect.  
Write the correct statements.

In 1. Cotton grows best in sandy soil.  
Correct Ans. Cotton grows best in black soil

In 2. The spinning of fibres decreases the strength of yarn.  
Correct Ans The spinning of fibres increases the strength of yarn.

In 3. Nylon clothes are best suited for kitchen.  
Correct Ans Cotton clothes are best suited for kitchen.

In 4. Loom is a machine used for removing seeds from raw cotton.  
Correct  
Ans Loom is a machine used for weaving cloth from yarn.

True / False.

1. Jute fibre is used for making fine clothes. F
2. Nylon and polyester are synthetic fibre. T
3. Terylene is a natural fibre. F
4. Yarn is made from fibres. T
5. Silk fibre is obtained from the stem of a plant. F
6. Knitting of a yarn makes a piece of fabric. T
7. Jute is the outer covering of coconut. F
8. The process of removing seeds from the cotton is called ginning. T
9. Spinning is a process of making fibres. F
10. Cotton seed cake is used as animal fodder. T

Name them

1. A thread made by spinning fibres.  
Ans. Yarn
2. The plastic reel on which yarn is wound.  
Ans. Bobbin
3. The fluffy mass of cotton obtained by carding.  
Ans. Cotton wool.
4. A machine used for weaving cloth from the yarn - Loom