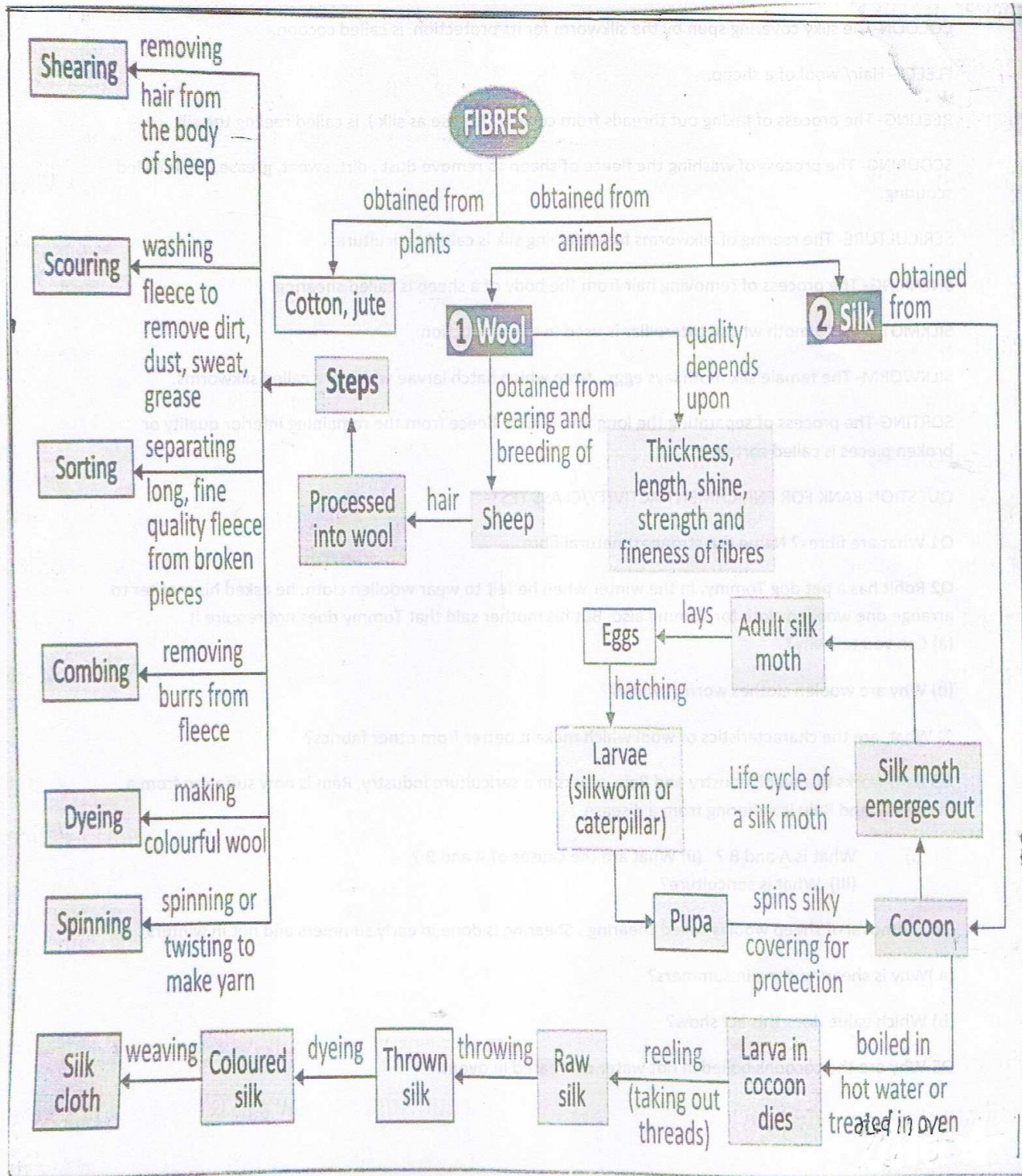




CHAPTER- AT GLANCE

KEYWORDS-

COCOON-The silky covering spun by the silkworm for its protection is called cocoon.

FLEECE- Hair/ wool of a sheep.

REELING- The process of taking out threads from cocoon (for use as silk) is called reeling the silk

SCOURING- The process of washing the fleece of sheep to remove dust , dirt, sweat,grease, etc is called scouring.

SERICULTURE- The rearing of silkworms for obtaining silk is called sericulture.

SHEARING- The process of removing hair from the body of a sheep is called shearing.

SILKMOTH- It is a moth whose caterpillar is used in silk production.

SILKWORM- The female silk moth lays eggs , from which hatch larvae which are called silkworms.

SORTING-The process of separating the long fine quality fleece from the remaining inferior quality or broken pieces is called sorting.

QUESTION BANK FOR ENRICHMENT ACTIVITY/CLASS TEST-

Q1 What are fibres? Name the strongest natural fibre.

Q2 Rohit has a pet dog Tommy. In the winter when he felt to wear woollen cloth, he asked his mother to arrange one woollen cloth for Tommy also, But his mother said that Tommy does not require it .

(a) Can you tell why?

(b) Why are woolen clothes worn in winter?

© What are the characteristics of wool which make it better from other fabrics?

Q3 Ram works in a wool industry and Raju works in a sericulture industry. Ram is now suffering from a disease A and Raju is suffering from a disease

(i) What is A and B ? (ii) What are the causes of A and B ?

(III) What is sericulture?

Q4 Removal of sheep wool is called shearing . Shearing is done in early summers and not in winters .

(a)Why is shearing done in summers?

(b) Which value does this act show?

Q5 Why are the cocoons boiled in hot water or treated in ovens.

CHAPTER-13 MOTION AND TIME

KEYWORDS-

BAR GRAPH-The graph in which data are represented by rectangular column is called bar graph.

GRAPHS- A graph is used to study the relation between two inter- dependent physical quantities.

NON- UNIFORM MOTION- If a body covers different distances in same intervals of time , its motion is said to be non-uniform motion.

OSCILLATION- One complete to and fro motion of an object is known as periodic motion. Eg- a swing, a pendulum of a clock etc.

SIMPLE PENDULUM- A small device consists of a small metallic bob and a thin thread is called simple pendulum.

SPEED-Rate of change of position is known as speed.

TIME PERIOD- The time taken by the pendulum to complete one oscillation is called its time period.

UNIFORM MOTION- When a body covers same distances in same intervals of time ,its motion is said uniform motion.

UNIT OF MOTION- Kilo gram meter per second (kg m /s).

QUESTION BANK FOR ENRICHMENT ACTIVITY/CLASS TEST-

Q1- How can you select a suitable scale to draw a graph?

Q2 Classify the following as rectilinear motion , circular motion or periodic motion;

- (a) Motion of your hands while running.
- (b) Motion of a horse pulling a cart on a straight road.
- (c) Motion of a child on a see-saw.
- (d) Motion of a train on a straight bridge.

Q3 What is (i) speedometer (ii) odometer

Q4 A movie starts at 2;20 pm and ends at 4;30 pm, Find the duration of the movie in minutes.

Q5 Draw a graph between distance and time for the following-

- (i) A truck moving with a speed which is not constant.
- (ii) A truck moving with a speed which is constant.

