

Class Notes (Worksheet)

Class: VI

Chapter: 05
Topic: Separation of Substances

Subject: Science

Note-To be written in science classwork notebook only

Q.1 Paheli bought some grains mixed with husk from the market. Which of the following methods of separation would be most appropriate for her to separate them?



A Winnowing

B Hand picking

C Sieving

D Threshing

Q.2 Boojho's grandmother is suffering from diabetes. Her doctor advised her to take 'Lassi' with less fat content. Which of the following methods would be most appropriate for Boojho to prepare it?

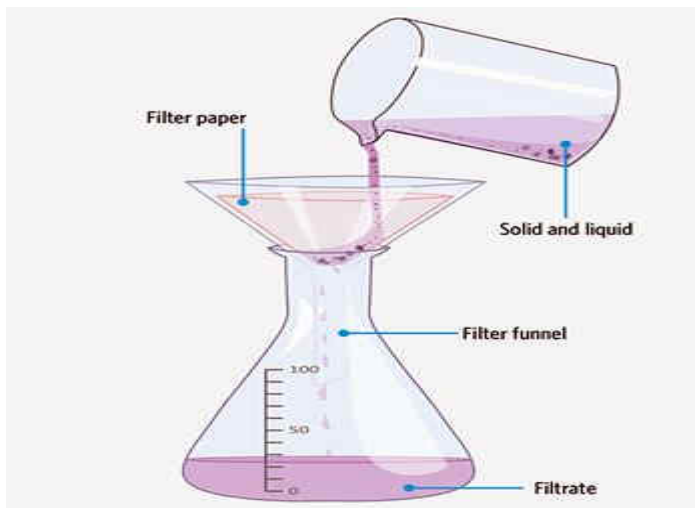
A Filtration

B Churning

C Decantation

D Winnowing

Q.3 The following given image shows the process of-



A Distillation

B Churning

C Decantation

D Filtration

Q.4 During summer, Boojho carries water in a transparent plastic bottle to his school. One day he left his bottle in the school. The bottle still had some water left in it. The following day, he observed some water droplets on the inner surface of the empty portion of the bottle. These droplets of water were formed due to -

A filtration and condensation

B evaporation and condensation

C evaporation and saturation

D condensation and saturation

Q.5 Paheli asked for a glass of water from Boojho. He gave her a glass of ice cold water. Paheli observed some water droplets on the outer surface of the glass and asked Boojho how these droplets of water were formed. Which of the following should be Boojho's answer?

A Evaporation of water from the glass.

B Evaporation of atmospheric water vapour.

C Water that seeped out from the glass.

D Condensation of water vapour present in atmosphere.

Q.6 Filtration is a method to separate the components of a

(a) solution

(b) mixture of a liquid and an insoluble substance

(c) both (a) & (b)

(d) pure substance

Q.7 A solid is dissolved in water. Which one of the following methods can be used to separate it?

(a) Filtration

(b) Decantation

(c) Distillation

(d) Evaporation

Q.8 Which of the following method is used when there is a difference in size and colour of desirable and undesirable constituents?

(a) Handpicking

(b) Threshing

(c) Filtration

(d) Decantation

Fill in the blanks-

Q.9 Distillation is a method of obtaining pure from a solution.

Q.10 substance contains particles of only one type.

Q.11 is used to separate husk from wheat.

Q.12 Cream is separated from milk by the process of

True and False-

Q.13 A mixture of chalk powder and water is separated by sieving.

Q.14 Decantation is generally preceded by sedimentation.

Q.15 Air is a mixture of gases.