

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Separation of Substances

Q1. You must have often noticed that sky becomes clear after the first rain. Explain why?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q2. What should the size of the pores in a sieve depend upon?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. What are colloids? Give few examples of colloids that you see in your daily life.

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q4. What is the importance of threshing to the farmers?

Ans. \_\_\_\_\_  
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## Separation of Substances

Q1. You must have often noticed that sky becomes clear after the first rain. Explain why?

Ans. Rain drops attach themselves to dust particles suspended in air, make them heavy and bring them down to the earth that is why sky becomes clear.

Q2. What should the size of the pores in a sieve depend upon?

Ans. The size of the pores in a sieve depends upon the size of the substance to be separated and the impurities of the mixture.

Q3. What are colloids? Give few examples of colloids that you see in your daily life.

Ans. A colloid is mixture where at least two types of substances that are not as small as a solution and not as large as a suspension are mixed together. Each substance retains its own properties. Examples: whipped cream, milk, butter, gelatin, jelly, muddy water, plaster, colored glass, and paper.

Q4. What is the importance of threshing to the farmers?

Ans. The essence of threshing is separation of a cereal grain from the shaft. Threshing is done after harvesting of the crops. This may be carried out in the field or on the farm, by hand or with the help of animals or machines.