

BRAIN INTERNATIONAL SCHOOL

Science Assignment

Class: VI

July'2024

Chapter -3: Separation of substances

1. Choose the correct option:

- (i) The process of separating grains from the chaff is known as
(a) threshing (b) winnowing (c) hand picking (d) none of these
- (ii) The process of separating common salt from its solution is known as
(a) decantation (b) sedimentation (c) evaporation (d) none of these

2. In each of the following questions, two statements are given- one labelled Assertion (A) and the other labeled Reason (R). Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below:

- a) Both A and R are true, and R is correct explanation of the assertion.
b) Both A and R are true, but R is not the correct explanation of the assertion.
c) A is true, but R is false.
d) Both assertion and reason are false.
- (i) Assertion (A): The process of settling of heavier insoluble particles from a suspension of a substance in water known as decantation.
Reason (R): This process along with sedimentation is used to get clear water from muddy water
- (ii) Assertion (A): Handpicking is a process which is use to separate grains from impurity by hand
Reason (R): The size of impurity should be large.

3 .Answer the following questions :

1. Name the process of separating two immiscible liquids.
2. Differentiate between sedimentation and decantation.
3. How is common salt obtained from seawater?
4. Differentiate between saturated and unsaturated solutions.
5. Explain the process of filtration with the help of diagram.
6. Why does visibility increase after rains?

Chapter-4: Getting to know plants

1. Choose the correct option:

1. Which part of plant helps to carry food to all parts of plant?
(a) root (b) stem (c) leaves (d) bark
2. Plants take carbon dioxide from the air through tiny openings found on the
(a) leaves (b) root (c) stem (d) none of these

2. In each of the following questions, two statements are given- one labelled Assertion (A) and the other labeled Reason (R). Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below:

- a) Both A and R are true, and R is correct explanation of the assertion.
 - b) Both A and R are true, but R is not the correct explanation of the assertion.
 - c) A is true, but R is false.
 - d) Both assertion and reason are false.
- (i) Assertion (A): The parts of a flower are sepals, petals and pistil
Reason (R): The stem bears petiole and lamina.
- (ii) Assertion (A): Plants are grouped into herbs, shrubs trees
Reason (R): The plants are classified on the basis of their height, nature of stem and branches

2 .Answer the following questions :

1. What is pollination?
2. What are the three parts of carpel?
3. What are herbs, shrubs and trees? Give two examples of each.
4. How do you identify the root system of a plant without pulling it out of soil??
5. Define and explain the various parts of leaf.
6. Explain the difference between taproots and fibrous roots with the help of diagrams.

