



Grade - V

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Subject: Science

Lesson.no. - 8 to 10

SECTION A

Q. I Multiple Choice Questions.

1. Which of the following layers is the nearest layer to the Earth.
a. Troposphere b. Stratosphere c. Exosphere d. Mesosphere
2. The molecules in a gas are _____.
a. loosely packed b. tightly packed c. very loosely packed d. None of these
3. A substance in which other substance dissolve.
a. Solute b. Solvent c. Solution d. Immiscible
4. _____ is not a complex machine.
a. Bulb b. Bicycle c. Typewriter d. Computer
5. _____ gas is used in burning?
a. Argon b. Carbon dioxide c. Oxygen d. Nitrogen
6. Water is drawn from a well using a _____.
a. Pulley b. Inclined plane c. Wedge d. Screw

SECTION B

Q II Fill in the blanks .

1. _____ is the heaviest layer of the atmosphere.
2. A sloping surface is an _____ plane.
3. Melting a sugar cube is a _____ change
4. _____ is the amount of water vapour present in the air.
5. Plants get their _____ to prepare food from the soil.
6. Plants acquire _____ from the soil.
7. An inclined plane wrapped around a cylinder or a cone is called a _____.

Q III Write True or False

1. Air is needed for burning.
2. The molecules in a gas don't move.
3. A sea-saw is an example of a pulley.
4. Water has soluble and insoluble impurities.

Q IV Match the following

A

1. Ozone layer
2. Immiscible liquid
3. Screw
4. Evaporation

B

- a. Remove soluble impurities
- b. Bottle cap
- c. Absorbs ultraviolet rays
- d. Petrol

SECTION C

Q V Short Answer Questions.

1. Can you explain the components of air ?
2. Give any three examples of physical change from our day-to-day life.
3. Which gas is used by plants to prepare their own food?
4. Define Chemical change?

Q VI Answer the following questions.

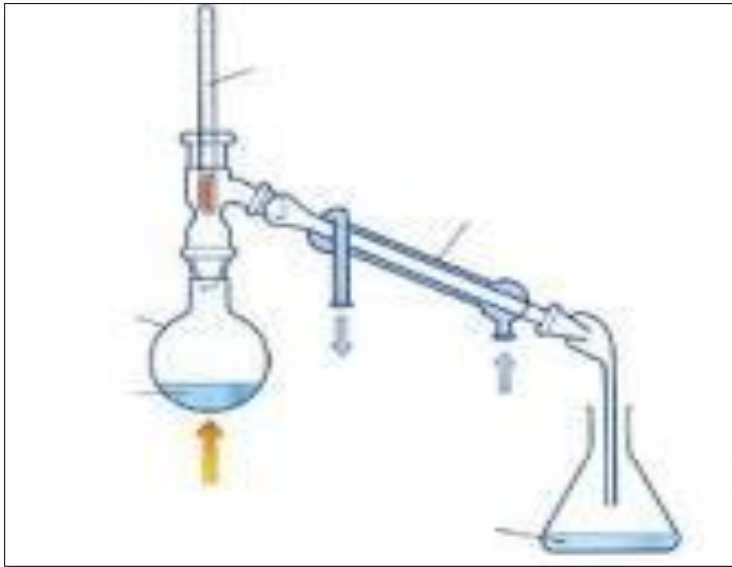
1. Explain the working of a wedge.
2. Define intermolecular distances.
3. How can we demonstrate that air occupies space using an example?
4. Give uses of a lever?

Q VII Answer the following questions in detail.

1. Explain inclined plane with its uses?
2. How are solutions formed. Explain in your own words?
3. Write the difference between sedimentation and decantation.

4. Define lever and based on its classification draw one example for each?

5. In the given diagram, Identify the type of method used for separation and label its parts.



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